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·SMITHSONIAN·INSTITVTION·WASHINGTON·1846·

SMITHSONIAN INSTITUTION

UNITED STATES NATIONAL MUSEUM

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Type Specimens of Reptiles and Amphibians in the U.S. National Museum

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Publications of the United States National Museum

The scientific publications of the United States National Museum include two series, *Proceedings of the United States National Museum* and *United States National Museum Bulletin.*

In these series are published original articles and monographs dealing with the collections and work of the Museum and setting forth newly acquired facts in the fields of Anthropology, Biology, Geology, History, and Technology. Copies of each publication are distributed to libraries and scientific organizations and to specialists and others interested in the different subjects.

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This work forms number 220 of the *Bulletin* series.

Remington Kellogg,
Director, United States National Museum.

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Introduction

As biologists know, an important function of a natural history museum is the preservation of those specimens from which new forms of life are described. Many museums have collections of such type material, the National Collection, in the United States National Museum, being among the largest. The value of such specimens is equally obvious since they serve as a standard with which later field collections can be compared, in order to validate the original claim to novelty and to establish the range and variation of the form.

A published list of the type material in the national collection of reptiles and amphibians is especially useful because of the intensive study being given these forms today. The present list gages the extent of the collection and makes known what is available to researchers; it provides a reference to the sources containing the names and original descriptions of the forms represented; and it complements similar lists issued by other museums. Some of these lists are:

Barbour, T., and Loveridge, A. Typical reptiles and amphibians. Bull. Mus. Comp. Zool., vol. 69, pp. 205–360, 1929; supplement, vol. 96, pp. 59–214, 1946.

Guibé, J. Catalogue des types d'amphibiens de Muséeum d'Histoire Naturelle, 71 pp., 1949.

Leviton, A. E. Catalogue of the amphibian and reptile types in the Natural History Museum of Stanford University. Herpetologica, vol. 8, pp. 121–132, 1953; supplement by A. E. Leviton and B. H. Banta, vol. 12, pp. 213–219, 1956.

Marx, H. Catalogue of type specimens of reptiles and amphibians in the Chicago Natural History Museum. Fieldiana: Zoology, vol. 36, pp. 409–496, 1958.

Peters, J. A. Catalogue of type specimens in the herpetological collections of the University of Michigan Museum of Zoology. Occ. Pap. Mus. Zool. Univ. Michigan, No. 539, 55 pp., 1952.

Slevin, J. R., and Leviton, A. E. Holotype specimens of reptiles and amphibians in the collection of the California Academy of Sciences. Proc. California Acad. Sci., series 4, vol. 28, pp. 529–560, 1956.

The national collection had its beginnings over a century ago. A brief review of its history, prior to indicating the content and arrangement of this list, seems appropriate.

James Smithson's legacy for the establishment of an institution "for the increase and diffusion of knowledge among men" resulted in Congress' passing a bill in 1846 for the incorporation of the Smithsonian Institution. With the appointment of Dr. Spencer Fullerton Baird as Assistant Secretary in 1850, announcement was made of the gathering of a collection of natural history objects. Dr. Baird's personal collection, deposited in the Smithsonian Institution in that year, was the forerunner of numerous other collections that began to arrive soon afterward. The Smithsonian encouraged such donations by distributing instructions on how to collect and preserve natural history materials and by sponsoring or assisting various exploring expeditions. Reptiles and amphibians were represented in these early collections. As the materials were received and cataloged, they were assigned to specialists for identification and description, and duplicate material received was given to or served as the basis of exchange with other institutions at home and abroad.

Much of this early material collected and deposited in the Smithsonian Institution issued from the 19th-century exploring expeditions abroad, and from the land surveys of the West. Perhaps earliest of these was the U.S. Exploring Expedition, commanded by Charles Wilkes, which sailed on its round-the-world voyage in 1838, touching at African, South American, Antarctic, Asian, and western North American coasts. Natural history objects were collected near the coast at every stop. In 1842 the expedition returned with most of its collections intact. The materials, at first deposited in the U.S. Patent Office, were in 1857, along with specimens collected by other expeditions, turned over to the Smithsonian Institution. Many of the animals secured on this journey represented forms as yet unknown to science and hence were in need of a scientific name and a description. Dr. Baird and his friend and colleague, Dr. Charles Girard, wrote several papers on the herpetological results of this expedition. Dr. Girard's later book and atlas became classics.

The La Plata Expedition, under the command of Thomas Jefferson Page, from 1853 through 1856 explored and mapped the tributaries of the La Plata River and the adjacent countries of Argentina, Paraguay, Brazil, and Bolivia. Zoological collections were made, and subsequent study yielded additional new forms of animal life.

In 1853 the U.S. Army Engineers, directed to find a "practicable and economical" route for the first railroad to be laid from the Mississippi to the Pacific, surveyed five possible routes between the 32d and 49th parallels. Collections of animals, plants, and minerals were made at every opportunity, and these excellent representations of the natural history of a vast part of the West eventually came to be deposited in the Smithsonian Institution.

In 1854 began the work of the commission headed by Major William H. Emory to survey lands to establish a permanent U.S.-Mexican boundary. The reptiles and amphibians of the boundary were listed by Dr. Baird in 1859, following earlier preliminary descriptions of new species by him and others.

Many new forms were described from "Indianola," a town no longer existing but formerly located in what is now Calhoun County, Texas. Collecting was equally abundant in some other regions visited by boundary surveyors. Among the members of the various groups, the names of J. H. Clark and D. N. Couch are perhaps more often found than others, a fact indicating their ability first to track down and catch the smaller, less conspicuous creatures, then to preserve, label, and dispatch them in boxes for the long journey east.

The geographical and geological explorations and surveys of lands west of the 100th meridian, begun in 1869 and continued through 1879, each year followed a different route. In order to scour the areas of greatest promise and to estimate rainfall, soil conditions, temperatures, and other natural conditions that might influence the success or failure of future agricultural ventures, the parties were subdivided. Some who went with these expeditions later acquired considerable fame in science—among others, Coues, Yarrow, and Cope. Many of the new species secured by these men were later also named and described by them.

Institutions and persons in foreign lands donated or exchanged many specimens. The Jardin des Plantes of Paris in 1858 sent specimens that had been collected in the Old World and that had been studied by Duméril and Bibron, two of the foremost herpetologists in Europe at the time. Part of the Bonaparte collection, received in 1869, contains European material still valuable for comparison. Felix Poey, a Cuban scholar and naturalist of renown, in 1856 began sending reptiles and amphibians of Cuba, and continued to do so throughout his life.

Much collecting was the work of enthusiastic amateurs from the United States wishing to fill in the blank spaces on the faunal maps of the world. Such collecting continues today. John Xantus de Vesey (J. Xantus), U.S. Consul stationed in Baja California in 1859, and in Colima in 1863, was a noteworthy collector. One of the defects of many 19th-century collections was the frequent lack of precise locality data, and Xantus' material from Mexico is worthy of mention for the care he took in numbering every specimen and entering the locality for each number in one of his numerous letters to officials at the Smithsonian.

W. L. Abbott of Philadelphia, a world traveler and sportsman, early in life took a keen interest in securing all kinds of exotic animals for the national collection. From 1893 until his death in 1937, he worked the lesser-known parts of Asia, the East Indies, Africa, and the West Indies. Many new forms were discovered and named from his material.

The National Geographic Society during the 20th century has financed many rewarding collecting trips to all parts of the globe to enrich still further our knowledge of the fauna of little-traveled regions. The medical research teams of the Armed Services continue to send fine collections from the areas in which they are stationed. Much of this recently deposited material has not yet been studied but it, too, will probably yield its share of new forms. Some of my colleagues have also deposited for permanent safekeeping in the national collection specimens that they have named and described.

The Smithsonian Institution was fortunate in its early years in being aided by many brilliant scientists who were also herpetologists. First among these was Dr. Baird, who in 1850 was appointed Assistant Secretary of the Smithsonian Institution and in 1878 its Secretary, serving in that capacity until his death in 1887. In 1878 he appointed Dr. Henry C. Yarrow as the first curator of the Division of Reptiles and Amphibians. In addition to papers on reptiles and amphibians collected during the surveys west of the 100th meridian, in which he had been a participant, Yarrow wrote the "Check List of North American Reptilia and Batrachia, With a Catalogue of Specimens in the U.S. National Museum." [1]

The second curator of the division, Dr. Leonhard Stejneger, was appointed in 1889 and worked until his death in 1943 at the age of 93. He had acquired world fame as an ornithologist and mammologist before entering the field of herpetology, and it was not long before his influence was felt here also. His "Herpetology of Japan and Adjacent Territory" [2] and his "Poisonous Snakes of North America" [3] are models of careful scientific writing. The several editions of the "Check List of North American Amphibians and Reptiles" that he published in collaboration with Dr. Thomas Barbour have been essential in every herpetological library since the first one appeared in 1917.

Special mention should also be made of Edward Drinker Cope, who worked intermittently with the national collection from 1860 until his death in 1897. He described hundreds of new forms while doing brilliant work on anatomical relationships and on faunal distribution. He became one of the foremost American scientists of his day in herpetology, ichthyology, and paleontology and was noted for his perception of the finer points of specific variation, which had been largely disregarded before his time. Many of his 1,400 scientific papers were published by the Smithsonian Institution. One of his last papers, "The Crocodilians, Lizards, and Snakes of North America," [4] is indispensable to every herpetologist. His "Batrachia of North America" [5] is now a collector's item.

Curators at the National Museum, realizing early that type specimens must be preserved for comparison with material still to come, have sought to maintain the types in the best possible condition, and to safeguard the specimens have placed them in airtight jars in light-proof rooms. Although the patterns of some of the older type specimens have faded, they are still preserved very distinctly on many. With the passage of time, a few of the types have softened and disintegrated despite constant care, but instances of such loss are becoming fewer as the techniques for preserving material become better understood.

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[1] U.S. National Museum Bulletin 24, pp. v+249, 1882.

[2] U.S. National Museum Bulletin 58, pp. xx+577, figs. 427, pls. 35, July 22, 1907.

[3] Report of the United States National Museum for the year ending June 30, 1893, pt. 2, No. 1, pp. 339–487, figs. 70, pls. 19, 1895.

[4] Report of the United States National Museum for the year ending June 30, 1898, pt. 2, pp. 153–1270, figs. 347, pls. 36, 1900.

[5] U.S. National Museum Bulletin 34, pp. 525, figs. 119, pls. 86, 1889.

Some of the early collections, especially those from the western United States, were labeled poorly or not at all, because there were few towns or permanent settlements by which to fix the locations of the collecting sites. Often an expedition on the move had to carry its biological material in crowded boxes, which were then shipped east as opportunity offered, sometimes without any field journals or notes to indicate the route along which the specimens had been collected. Thus the specimens collected during a whole expedition might be credited in subsequent museum cataloging to the point from which they had been shipped, while their actual place or places of origin might have been several hundred miles distant. Such errors in recording type localities have usually been cleared up by later collecting and study by specialists, and in the following list the corrections are given.

The first specimens received by the Smithsonian Institution were not always cataloged individually. Often many examples presumed to be of a single species and received from the same locality and collector were all given the same catalog number. Later, when it was found necessary to refer to specific individuals from the lot, they were renumbered. This practice led to much confusion because the old label was frequently almost illegible, and thus correct data were not always inscribed after the new entry. When Dr. Stejneger took charge of the collection in 1889, and beginning with catalog number 14856, a single number was assigned to each specimen (except eggs and tadpoles), a change that has simplified our bookkeeping considerably and has allowed a particular specimen always to be indicated without possibility of confusion. An O in front of our catalog number indicates that the specimen was once a part of the collection of the Division of Comparative Anatomy, which functioned from 1885 to 1914. Most specimens so marked are skeletons, skulls, or dry skins.

Most of the type material is preserved in alcohol. No special mention is made in this list of the condition of each type specimen. It may be assumed to be good or fair unless a statement to the contrary is made.

Scientific material that has been studied by many scientists becomes valuable because it exemplifies the different interpretations that have been placed upon it. In this respect the national collection of reptile and amphibian types is one of the foremost because many of the herpetologists of the past century have done extensive research here. The considerable number of type names listed in the following pages is a tribute to their industry as well as to the extent and value of the collection itself.

All known paratypes are given in the list, because a paratype should be available to take the place of a lost or damaged holotype. If no formal designation of paratypes was made in the original description, I considered the "specimens examined" cited in the description as paratypes. In some instances I received the sanction of the describers of such species for this action. L. M. Klauber, Hobart M. Smith, and other herpetologists agree with me that any specimens used by an author and recognized by him as belonging to the species when he is describing it are actually paratypes, although we recognize his right to name only certain ones as paratypes in his original description if he so desires. Another reason for listing paratypes is to encourage their exchange with other museums. Common sense indicates the need for as wide a dispersal as possible of critical material where it may be most useful. Many museums, including the U.S. National Museum, are willing to trade when they have several paratypes of any given form.

For the spelling of geographic names, I referred to the "U.S. Directory of Post Offices," the "Columbia Lippincott Gazetteer of the World," the U.S. Board on Geographic Names, and the American Geographical Society's "Map of Hispanic American." If the locality data as given in the original description are too general or obviously in error, emendations and corrections are added in parentheses.

The list contains 1,742 names of types. The original generic, specific, and subspecific names followed by the name of the describer appear on the first line. I then cite the publication where the name and description first appeared. If the original name of the genus or species is no longer accepted, I give on the third line the current synonym in italics. Finally I give a complete listing of museum number, locality, collector, and date collected for the holotype, allotype, neotype, cotypes, paratypes, and lectotypes.

The accepted definitions of these terms are:

Holotype:	The designated single specimen on which the original description is based.
Allotype:	The designated single specimen of the sex opposite to that of the holotype.
Neotype:	The specimen chosen to take the place of the lost or destroyed holotype but not belonging to the original series of specimens used by the author.
Cotype:	One of several specimens used by the describer in preparing his original description, in which he did not designate a specific individual as a holotype.
Paratype:	The other specimen (or specimens) used by the author and recognized as belonging to the same species when he clearly designates one particular specimen as the holotype or "type."

Lectotype:	One of the cotypes that may be selected by a later writer as having been the specimen on which the original description was based.

If there is more than one cotype or paratype, I give the total number of each in parentheses.

The genera and species are listed alphabetically under the following classes, orders, and suborders:

Classification	*Number of names*
Class Amphibia	
Order Gymnopiona (caecilians)	12
Order Caudata (salamanders)	176
Order Salientia (frogs)	409
Class Reptilia	
Order Squamata	
Suborder Sauria (lizards)	558
Suborder Serpentes (snakes)	524
Order Testudines (turtles)	62
Order Loricata (crocodilians)	1

Students may wish to know their division into families, as follows:

Families	*Species*	*Families*	*Species*
Agamidae	10	Hynobiidae	6
Alligatoridae	1	Iguanidae	276
Ambystomidae	39	Kinosternidae	16
Amphisbaenidae	9	Lacertidae	7
Anguidae	29	Leiopelmidae	3
Atelopodidae	5	Leptodactylidae	122
Boidae	24	Leptotyphlopidae	13
Bufonidae	55	Microhylidae	23
Caeciliidae	12	Pelobatidae	8
Centrolenidae	9	Pipidae	2
Chamaeleontidae	2	Plethodontidae	111
Chelonidae	5	Proteidae	7
Chelydridae	1	Ranidae	51
Colubridae	412	Rhacophoridae	13
Crotalidae	46	Salamandridae	8
Cryptobranchidae	1	Scincidae	80
Dendrobatidae	7	Sirenidae	4
Elapidae	17	Teiidae	82
Emydidae	31	Testudinidae	5
Gekkonidae	53	Trionychidae	4
Helodermatidae	1	Typhlopidae	8
Hydrophidae	3	Viperidae	1
Hylidae	111	Xantusiidae	9

When referring to institutions, I use the following abbreviations:

Abbreviation	*Institution*
AM	Australian Museum, Sydney
AMNH	American Museum of Natural History, New York City
ANSP	Academy of Natural Sciences of Philadelphia, Pennsylvania
BM	Bergen Museum, Norway
BMNH	British Museum (Natural History), London
BYU	Brigham Young University, Provo, Utah
CAS	California Academy of Sciences, San Francisco
CM	Carnegie Museum, Pittsburgh, Pennsylvania
CNHM	Chicago Natural History Museum, Illinois
CPS	College of Puget Sound, Takoma, Washington
DZ	Departamento de Zoologia, Secretaria da Agricultura, São Paulo
FMNH	Field Museum of Natural History (later renamed Chicago Museum of Natural History)
IB	Instituto Butantan, Brazil
IML	Instituto Miguel Lillo, Argentina
JPP	Jardin des Plantes, Paris (affiliate of Muséum Nationale d'Histoire Naturelle, Paris)
LC	Dr. Adolpho Lutz' collection, Instituto Oswaldo Cruz, Rio de Janeiro
MCZ	Museum of Comparative Zoology, Cambridge, Massachusetts
MHNB	Muséum d'Histoire Naturelle Bâle, Switzerland
MHNP	Muséum Nationale d'Histoire Naturelle, Paris
MP	Museum Paulista, São Paulo
MZUM	Museum of Zoology of the University of Michigan, Ann Arbor, Michigan
NOAS	New Orleans Academy of Science, Louisiana
R	Rijksmuseum, Amsterdam
RPSP	Royal Palm State Park, Florida
SCMT	Science College Museum, Imperial University of Tokyo
SDSNH	San Diego Society of Natural History, California
SNCBSH	State of North Carolina Biological Station, Highlands
SNG	Senckenbergische Naturforschende Gesellschaft, Frankfurt-am-Main
SUM	Stanford University Museum, California
SYUM	Sun Yat-sen University Museum, China
TCM	Trowbridge College Museum (Museum of Zoology of the University of Michigan)
TUM	Tulane University Museum, New Orleans, Louisiana

Abbreviation	*Institution*
UCM	University of Colorado Museum, Boulder, Colorado
UIMNH	University of Illinois Museum of Natural History, Urbana, Illinois
USNM	U.S. National Museum, Washington, D.C.
WCUUM	West China Union University Museum, Chengtu
WIM	Wistar Institute Museum, Philadelphia, Pennsylvania
ZML	Zoological Museum of Leningrad
ZS	Zoologische Staatssammlung, Munich
ZSP	Zoological Society of Philadelphia, Pennsylvania

The names of some collectors have the same initials. In order to distinguish Hobart M. Smith from Hugh M. Smith and for the sake of economy of space, I identify them as H. M. and Hugh, respectively.

Expressions of gratitude are owed to colleagues for their help in checking data—especially Hobart M. Smith for the entire list, Norman Hartweg and John W. Crenshaw for the turtles, Richard Highton for the salamanders, and John M. Condit and Coleman J. Goin for the Hylidae.

Type Specimens
# of Reptiles and Amphibians
in the U.S. National Museum

Class Amphibia

Order Gymnopiona

Caecilia isthmica Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 91, 1877.

=*Caecilia tentaculata* Linnaeus

HOLOTYPE: 25188, Atlantic side, Isthmus of Darién (Panama-Colombia), T. O. Selfridge.

Cœcilia ochrocephala Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18, p. 132, 1866.

=*Caecilia ochrocephala* Cope

HOLOTYPE: 29764, Panama, J. L. LeConte.

Hypogeophis alternans Stejneger

Proc. U.S. Nat. Mus., vol. 16, p. 739, 1894.

HOLOTYPE: 20418, Mahé, Seychelles Islands (Indian Ocean), W. L. Abbott, 1892.

PARATYPE: 20404, Seychelles Islands, MHNP.

Ichthyophis kotaoensis Taylor

Univ. Kansas Sci. Bull., vol. 40, No. 4, p. 110, 1960.

HOLOTYPE: 72293, Koh Tao, Gulf of Siam (Thailand), Hugh M. Smith, Jan. 1, 1927.

PARATYPE: 76131, Koh Tao, Gulf of Siam, Hugh M. Smith, Sept. 18, 1928.

Ichthyophis nigroflavus Taylor

Univ. Kansas Sci. Bull., vol. 40, No. 4, p. 101, 1960.

HOLOTYPE: 129462, within 20 miles of Kuala Lumpur, Selangor (Malayan Peninsula), R. Traub and V. Tipton, April 1950.

Ichthyophis paucidentulus Taylor

Univ. Kansas Sci. Bull., vol. 40, No. 4, p. 49, 1960.

HOLOTYPE: 70671, Kepahiang, Sumatra, H. C. Kellers, Jan. 12, 1926.

Ichthyophis paucisulcus Taylor

Univ. Kansas Sci. Bull., vol. 40, No. 4, p. 103, 1960.

HOLOTYPE: 103565, Siantar, Sumatra, National Geographic Society-Smithsonian Expedition to Sumatra, 1937.

Ichthyophis sumatranus Taylor

Univ. Kansas Sci. Bull., vol. 40, No. 4, p. 95, 1960.

HOLOTYPE: 70672, Kepahiang, Sumatra, H. C. Kellers, Dec. 10, 1925.

PARATYPES (3): 70667, 70669–70, Kepahiang, Sumatra, H. C. Kellers, Dec. 10, 1925.

Scolecomorphus uluguruensis Barbour and Loveridge

Mem. Mus. Comp. Zool., vol. 50, p. 180, 1928.

PARATYPES (2): 73236–7, Nyingwa, Uluguru Mountains, Tanganyika, 7,000–8,000 ft., A. Loveridge, Oct. 18, 1926.

Siphonops oligozonus Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 91, 1877.

=*Gymnopis oligozona* (Cope)

HOLOTYPE: 25187, Guatemala?.

Siphonops proximus Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 90, 1877.

=*Gymnopis multiplicata proxima* (Cope)

HOLOTYPE: 29762, coast of eastern Costa Rica, W. M. Gabb.

PARATYPE: 29763, same data.

Siphonops simus Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 91, 1877.

=*Gymnopis multiplicata multiplicata* Peters

HOLOTYPE: 29765, Costa Rica, A. von Frantzius.

Order Caudata

Amblystoma annulatum Cope

Proc. Amer. Philos. Soc., vol. 23, p. 525, 1886.

=*Ambystoma annulatum* Cope.

HOLOTYPE: 11564, locality unknown (restricted to vicinity of Hot Springs, Garland County, Arkansas).

Amblystoma aterrimum Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 19 (1867), p. 201, 1868.

=*Dicamptodon ensatus* (Eschscholtz)

HOLOTYPE: 5242, crossing of Bitter Root River, North Rocky Mountains (Montana), S. P. Hildreth and J. Mullan, 1860.

Amblystoma cingulatum Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 19 (1867), p. 205, 1868.

=*Ambystoma cingulatum cingulatum* Cope

NEOTYPE: 129396, Robertsville, Jasper County, South Carolina, W. T. Neill, Nov. 17, 1947.

Amblystoma copeianum Hay

Proc. U.S. Nat. Mus., vol. 8, p. 209, pl. 14, 1885.

=*Ambystoma tigrinum trigrinum* (Green)

HOLOTYPE: 14112, Irvington, Indianapolis, Marion County, Indiana, G. H. Clarke, Apr. 7, 1885.

Amblystoma decorticatum Cope

Proc. Amer. Philos. Soc., vol. 23, p. 522, 1886.

=*Ambystoma gracile decorticatum* Cope

HOLOTYPE: 14493, Port Simpson, British Columbia, Canada, T. H. Streets, Dec. 9, 1885.

Amblystoma lepturum Cope

Proc. Amer. Philos. Soc., vol. 23, p. 524, 1886.

=*Ambystoma cingulatum cingulatum* Cope

HOLOTYPE: 14583, locality unknown (probably United States).

Amblystoma macrodactyla Baird

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 1, p. 292, 1850.

=*Ambystoma macrodactylum macrodactylum* Baird

COTYPE: 4042, Astoria (Clatsop County), Oregon, J. K. Townsend.

Amblystoma obscurum Baird

in Cope, Proc. Acad. Nat. Sci. Philadelphia, vol. 19 (1867), p. 192, 1868.

=*Ambystoma tigrinum tigrinum* (Green)

HOLOTYPE: 3994, Fort Des Moines, Polk County, Iowa, W. E. Moore.

Amblystoma paroticum Baird

in Cope, Proc. Acad. Nat. Sci. Philadelphia, vol. 19 (1867), p. 200, 1868.

=*Ambystoma gracile gracile* (Baird)

COTYPES (2): 4708a, Chiloweynck Lake, British Columbia, Canada, A. Campbell, 1859. 7021, Puget Sound (Washington), U.S. Exploring Expedition, 1841.

Amblystoma platineum Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 19 (1867), p. 198, 1868.

=*Ambystoma jeffersonianum* (Green)

COTYPES (2): 3998, 39144 (formerly 3998), Cleveland, Cuyahoga County, Ohio, J. P. Kirtland.

Amblystoma proserpine Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 173, 1852.

=*Ambystoma tigrinum mavortium* Baird

COTYPES (3): 4082 (3), Salado River, 4 miles east of San Antonio, Bexar County, Texas, L. A. Edwards.

Amblystoma tenebrosum Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 174, 1852.

=*Dicamptodon ensatus* (Eschscholtz)

HOLOTYPE: 4710, Oregon, U.S. Exploring Expedition, 1841.

Amblystoma trisruptum Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 19 (1867), p. 194, 1868.

=*Ambystoma tigrinum mavortium* Baird

HOLOTYPE: 4068, ♀, Ocate Creek, New Mexico, J. Potts.

Amblystoma xiphias Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 19 (1867), p. 192, 1868.

=*Ambystoma tigrinum tigrinum* (Green)

HOLOTYPE: 14470 (formerly 4135), Columbus, Franklin County, Ohio, L. Lesquereux.

Ambystoma cingulatum bishopi Goin

Ann. Carnegie Mus., vol. 31, p. 300, pl. 1, figs. 3–5, 1950.

PARATYPES (3): 42861, 57389–90, Mobile, Mobile County, Alabama, J. Hurter, Mar. 15, 1910.

Ambystoma fluvinatum Taylor

Copeia, No. 3, p. 144, figs. 2a–b, 1941.

PARATYPE: 137205 (formerly UIMNH 27234), Mojárachic, Chihuahua, Mexico, I. Knobloch.

Ambystoma granulosum Taylor

Univ. Kansas Sci. Bull., vol. 30, p. 57, 1944.

PARATYPES (22): 116633–53, 11–15 km. west of Toluca, Mexico, Mexico, E. H. Taylor and H. M. Smith, August 1939. 137206 (formerly UIMNH 27230), Km. 74, west of Toluca, Mexico, Mexico, E. H. Taylor and H. M. Smith, August 1939.

Ambystoma lacustris Taylor and Smith

Proc. U.S. Nat. Mus., vol. 95, p. 532, pl. 18, figs. 1–2, 1945.

HOLOTYPE: 117410, Texcoco, Mexico, Mexico, H. M. Smith, Mar. 2, 1939.

PARATYPES (19): 116736–44, 116746–55, Lake Zumpango, Mexico, Mexico, H. M. Smith, March–September 1939.

Ambystoma mabeei Bishop

Journ. Elisha Mitchell Sci. Soc., vol. 43, p. 157, pl. 23, figs. 1–2, 1928.

HOLOTYPE: 75058, low grounds of the Black River near Dunn, Harnett County. North Carolina, W. B. Mabee, May 12, 1923.

Ambystoma mavortia Baird

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 1, p. 292, 1850.

=*Ambystoma tigrinum mavortium* Baird

HOLOTYPE?: 3990, New Mexico, J. L. LeConte (collector said to be Dr. Wislizenus in original description).

Ambystoma nebulosum Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 209, 1852.

=*Ambystoma tigrinum nebulosum* Hallowell

HOLOTYPE: 4702a, San Francisco Mountains, Arizona (New Mexico in original description), S. W. Woodhouse.

Ambystoma ordinaria Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 422, pl. 46, figs. 1–3, 1940.

=*Ambystoma ordinarium* Taylor

PARATYPE: 134276, near Puerto Hondo, Michoacán, Mexico, E. H. Taylor, Sept. 3, 1938.

Ambystoma rosaceum nigrum Shannon

Proc. U.S. Nat. Mus., vol. 101, p. 466, fig. 91, 1951.

HOLOTYPE: 123581, El Salto, Durango, Mexico, R. G. Miller, May 8, 1946.

Ambystoma rosaceum sonoraensis Shannon

Proc. U.S. Nat. Mus., vol. 101, p. 468, 1951.

HOLOTYPE: 17253, larva, Pinetos Camp, Sonora, Mexico, P. L. Jouy, June 14, 1891.

PARATYPE: 17255, larva, same data. 17254 was exchanged to MCZ in 1958.

Ambystoma stejnegeri Ruthven

Proc. U.S. Nat. Mus., vol. 41, p. 517, 1912.

=*Ambystoma macrodactylum macrodactylum* Baird

HOLOTYPE: 48598, Bloomfield, Davis County, Iowa, G. H. Berry, July 27, 1906.

PARATYPE: 48599, same data.

Ambystoma subsalsum Taylor

Copeia, No. 3, p. 152, figs. 1–3, 1943.

PARATYPE: 134277 (formerly UIMNH 27326), Lake Alchichica, Puebla, Mexico, E. H. Taylor and D. M. Forbes, Aug. 14–15, 1942.

Ambystoma tigrinum diaboli Dunn

Copeia, No. 3, p. 160, 1940.

PARATYPE: 13394, Ottawa?, Ontario, Canada, R. Bell, Apr. 21, 1883. This specimen was used as a paratype, but was not so listed.

Ambystoma tigrinum slateri Dunn

Copeia, No. 3, p. 159, 1940.

=*Ambystoma tigrinum melanostictum* (Baird)

HOLOTYPE: 108982, 5 miles southeast of Coulee Dam, Grant County, Washington, J. R. Slater.

Ambystoma tigrinum stebbinsi Lowe

Proc. Biol. Soc. Washington, vol. 67, p. 243, 1954.

PARATYPE: 134131 (formerly Univ. Arizona 3219), J.A. Jones Ranch in Parker Canyon, southwest side of Huachuca Mountains, Santa Cruz County, Arizona, around 5,000 ft., C. H. Lowe, Jr., Nov. 4, 1950.

Anaides ferreus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 21, p. 109, 1869.

=*Aneides ferreus* Cope

HOLOTYPE: 14451 (formerly probably 6794), Fort Umpqua, Oregon, E. P. Vollum.

Batrachoseps catalinae Dunn

Copeia, No. 109, p. 62, 1922.

=*Batrachoseps pacificus* (Cope)

HOLOTYPE: 57335, ♀, Catalina Island, California, J. Hurter, Jan. 23, 1908.

PARATYPES (3): 38362, 57334, 57336, same data. 38361 was exchanged to MCZ.

Batrachoseps caudatus Cope

U.S. Nat. Mus. Bull. 34, p. 126, fig. 27, 1889.

=*Batrachoseps attenuatus attenuatus* (Eschscholtz)

HOLOTYPE: 13561, Hassler Harbor, Alaska, H. E. Nichols, December 1881.

Batrachoseps leucopus Dunn

Copeia, No. 109, p. 60, 1922.

=*Batrachoseps attenuatus attenuatus* (Eschscholtz)

HOLOTYPE: 64319, ♀, North Island, Coronados Islands, Baja California, Mexico, A. W. Armstrong, Aug. 4, 1921.

Batrachuperus karlschmidti Liu

Chicago Nat. Hist. Mus., Fieldiana: Zool. Mem., vol. 2, p. 87, fig. 12, 1950.

PARATYPES (2): 124581–2, Lu-ho-hsien, Sikang, China, C. C. Liu.

Batrachuperus yenyuanensis Liu

Chicago Nat. Hist. Mus., Fieldiana: Zool. Mem., vol. 2, p. 99, figs. 14a–d, 1950.

PARATYPES (2): 124583–4, from a large pool on Peilinshan, between Yenyuanhsien and Yenpienhsien, Sikang, China, H. W. Chang and Y. W. Kao.

Bolitoglossa arborea Taylor

Herpetologica, vol. 2, p. 62, figs. 4a–c, 5a–c, 1941.

=*Chiropterotriton arborea* (Taylor)

PARATYPE: 134278 (formerly UIMNH 27078), near Tianguistengo, Hidalgo, Mexico, E. H. Taylor and R. Roberts, Aug. 13, 1938.

Bolitoglossa borburata Trapido

Bol. Soc. Venezolana Cienc. Nat., vol. 8, p. 297, figs. 1–4, 1942.

HOLOTYPE: 115509, Valle del Río Borburata, Venezuela, P. Anduze, March 1940.

Bolitoglossa cephalica rubrimembris Taylor and Smith

Proc. U.S. Nat. Mus., vol. 95, p. 539, 1945.

=*Pseudoeurycea cephalica rubrimembris* (Taylor and Smith)

HOLOTYPE: 110661, ♀, 6 km. south of Santa Anita, Hidalgo, Mexico, about 4,500 ft., H. M. Smith, Oct. 10, 1939.

PARATYPES (2): 110659–60, same data.

Bolitoglossa chondrostega Taylor

Univ. Kansas Sci. Bull., vol. 27, p. 113, 1941.

=*Chiropterotriton chondrostega* (Taylor)

PARATYPE: 134279 (formerly UIMNH 27045), Durango, Hidalgo, Mexico, 5,000–6,000 ft., E. H. Taylor, Sept. 12, 1938.

Bolitoglossa cochranae Taylor

Univ. Kansas Sci. Bull., vol. 29, p. 343, 1943.

=*Pseudoeurycea cochranae* (Taylor)

PARATYPES (2): 116396, Cerro San Felipe, Oaxaca, Mexico, H. M. Smith, July 10–20, 1940. 134289 (formerly UIMNH 27183), Cerro San Felipe, Oaxaca, Mexico, E. H. Taylor, 1940.

Bolitoglossa dimidiata Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 408, figs. 1–2, 1940.

=*Chiropterotriton dimidiata* (Taylor)

PARATYPE: 134280 (formerly UIMNH 27071), El Chico National Park, Hidalgo, Mexico, E. H. Taylor, 1938.

Bolitoglossa galaenae (sic) Taylor

Proc. Biol. Soc. Washington, vol. 54, p. 83, 1941.

=*Pseudoeurycea galeanae* (Taylor)

PARATYPES (15): 110642–46, 116048–9, 116051–8, 15 miles west of Galeana, Nuevo León, Mexico, 5,200 ft., H. M. Smith, Oct. 13–14, 1939. 110647 was exchanged to MCZ, 1944; 116050 to MZUM, 1944.

Bolitoglossa lavae Taylor

Univ. Kansas Sci. Bull., vol. 28, p. 295, pl. 27, figs. 5–6, 1942.

=*Chiropterotriton lavae* (Taylor)

PARATYPES (3): 134281–3 (formerly UIMNH 27103–5), 2 miles west of La Joya, Veracruz, Mexico, E. H. Taylor et al., Aug. 16–17, 1941.

Bolitoglossa melanomolga Taylor

Proc. Biol. Soc. Washington, vol. 54, p. 81, 1941.

=*Pseudoeurycea melanomolga* (Taylor)

PARATYPES (2): 110640, 17 km. northeast of Limón, Veracruz, Mexico, H. M. Smith, Mar. 23, 1940. 110641, near Teziutlán, Veracruz, Mexico, H. M. Smith, June 25, 1940.

Bolitoglossa moreleti Smith

Herpetologica, vol. 3, p. 14, 1945.

HOLOTYPE: 116079, Palenque, Chiapas, Mexico, Dr. and Mrs. H. M. Smith, July 12, 1939.

PARATYPES (28): 116070, Piedras Negras, Petén, Guatemala, H. M. Smith, May 24, 1939. 116071–8, 116080–98, Palenque, Chiapas, Mexico, H. M. Smith, July 7–23, 1939.

Bolitoglossa nigroflavescens Taylor

Univ. Kansas Sci. Bull., vol. 27, p. 150, pl. 8, pl. 9, figs. 9–10, 1941.

=*Magnadigita nigroflavescens* (Taylor)

HOLOTYPE: 111169, Cerro Ovando, Chiapas, Mexico, 5,000–6,000 ft., H. M. Smith, Apr. 16, 1940.

PARATYPES (33): 111158–9, 111161–8, 111170–85, 111187–92, 134288, same data. 111160, 111186 were exchanged to MZUM in 1944.

Bolitoglossa nigromaculata Taylor

Univ. Kansas Sci. Bull., vol. 27, p. 141, text-figs. 1a–b, pl. 9, figs. 5–6, 1941.

=*Pseudoeurycea nigromaculata* (Taylor)

HOLOTYPE: 110635, Cuautlapan, Veracruz, Mexico, H. M. Smith, January–February 1940.

PARATYPES (6): 110631, 110633, 110636–8, same data. 110639, Cuautlapan, Veracruz, Mexico, H. M. Smith, Aug. 7–14, 1940. 110632 was exchanged to MZUM; 110634 to MCZ.

Bolitoglossa occidentalis Taylor

Univ. Kansas Sci. Bull., vol. 27, p. 145, text-fig. 1c, pl. 9, figs. 1–4, 1941.

HOLOTYPE: 111085, La Esperanza, Chiapas, Mexico, H. M. Smith, Apr. 28, 1940.

PARATYPES (24): 111069–84, 111086–93, La Esperanza, Chiapas, Mexico, H. M. Smith, Apr. 6–28, 1940. 111068 was exchanged to MZUM in 1944.

Bolitoglossa terrestris Taylor

Univ. Kansas Sci. Bull., vol. 27, p. 115, 1941.

=*Chiropterotriton terrestris* (Taylor)

PARATYPES (6): 116319–21, Zacualtipán, Hidalgo, Mexico, R. C. and E. H. Taylor, Aug. 10–11, 1938. 116322–3, 139717 (formerly UIMNH 26927), 4–10 miles south of Tianguistengo, Hidalgo, Mexico, E. H. and R. C. Taylor, July 1–2, 1940.

Bolitoglossa unguidentis Taylor

Herpetologica, vol. 2, p. 57, figs. 1a–c, 2c–d, 3a–b, 1941.

=*Pseudoeurycea unguidentis* (Taylor)

PARATYPE: 134292 (formerly UIMNH 27175), Cerro San Felipe, Oaxaca, Mexico, E. H. Taylor, summer 1940.

Bolitoglossa xolocalcae Taylor

Univ. Kansas Sci. Bull., vol. 27, p. 148, pl. 7, pl. 9, figs. 7–8, 1941.

=*Chiropterotriton xolocalcae* (Taylor)

HOLOTYPE: 111371, Cerro Ovando, Chiapas, Mexico, 6,800–8,000 ft., H. M. Smith, Apr. 16, 1940.

PARATYPES (71): 111400–70, same data.

Cryptobranchus bishopi Grobman

Occ. Pap. Mus. Zool. Univ. Michigan, No. 470, p. 6, 1943.

=*Cryptobranchus alleganiensis bishopi* Grobman

PARATYPES (3): 57042, Oregon County, Missouri, J. Hurter, 1900. 94356, Current River at Big Spring Park, Carter County, Missouri, A. A. Heinze, May 19, 1931. 99751, Montauk State Park, Dent County, Missouri, A. A. Heinze, Sept. 5, 1932.

Desmognathus aeneus Brown and Bishop

Copeia, No. 3, p. 163, fig. 1, pl. 1, 1947.

=*Desmognathus aeneus aeneus* Brown and Bishop

HOLOTYPE: 123977, ♂, 0.5 mile south-southeast of Peachtree, Cherokee County, North Carolina, J. C. Nichols, Jr., Oct. 22, 1946.

Desmognathus aureatagulus Weller

Proc. Jun. Soc. Nat. Hist. Cincinnati, vol. 1, No. 7, p. 3, 1930.

=*Desmognathus ochrophaeus carolinensis* Dunn

COTYPE: 93686, Mount Le Conte, Sevier County, Tennessee, R. Dury, H. Wyss, A. S. Loring and W. H. Weller, June 23, 1930.

Desmognathus brimleyorum Stejneger

Proc. U.S. Nat. Mus., vol. 17, p. 597, 1895.

=*Desmognathus fuscus brimleyorum* Stejneger

HOLOTYPE: 22157, Hot Springs, Garland County, Arkansas, H. H. and C. S. Brimley, October 1894.

PARATYPES (12): 22158–69, same data. 22170–1 were exchanged to MCZ, 1909.

Desmognathus chermocki Bishop and Valentine

Copeia, No. 1, p. 39, 1950.

=*Desmognathus aeneus chermocki* Bishop and Valentine

PARATYPES (2): 129267–8, Hurricane Creek, Tuscaloosa County, Alabama, B. O. Valentine, Mar. 30, 1948.

Desmognathus fuscus imitator Dunn

Copeia, No. 164, p. 84, 1927.

=*Desmognathus ochrophaeus carolinensis* Dunn

HOLOTYPE: 72762, near Indian Gap, Great Smoky Mountains, North Carolina, J. E. Benedict, Jr., June 9–10, 1927.

PARATYPES (3): 72761, 72763–4, same data. 72765 was exchanged to MZUM, 1944.

Desmognathus fuscus welteri Barbour

Copeia, No. 4, p. 277, 1950.

HOLOTYPE: 129312, ♂, north fork of Looney Creek, near Lynch, Harlan County, Kentucky, 2,300 ft., R. W. Barbour, June 14, 1948.

PARATYPES (42): 129313–54, same data.

Desmognathus monticola Dunn

Proc. Biol. Soc. Washington, vol. 29, p. 73, 1916.

=*Desmognathus monticola monticola* Dunn

HOLOTYPE: 38313, Elk Lodge Lake, near Brevard, Transylvania County, North Carolina, about 3,000 ft., R. and E. Tipping, July 13, 1908.

PARATYPES (9): 38314–6, 38320–1, 38323–6, same data.

Desmognathus monticola jeffersoni Hoffman

Journ. Elisha Mitchell Sci. Soc., vol. 67, p. 250, pl. 17, fig. 1, 1951.

HOLOTYPE: 126891, ♀, Saddle Hollow, 2 miles west of Crozet, Albemarle County, Virginia, 1,600 ft., R. L. Hoffman, Mar. 11, 1945.

PARATYPES (8): 123759–61, Saddle Hollow, 2 miles west of Crozet, Albemarle County, Virginia, 1,800 ft., R. L. Hoffman, Mar. 27, 1946. 126892–5, Saddle Hollow, 2 miles west of Crozet, Albemarle County, Virginia, 1,600 ft., R. L. Hoffman, Mar. 11, 1945. 130192, Charlottesville, Albemarle County, Virginia, R. L. Hoffman, Mar. 1, 1946. 126896 was exchanged to MCZ, 1958.

Desmognathus ochrophaea carolinensis Dunn

Proc. Biol. Soc. Washington, vol. 29, p. 74, 1916.

=*Desmognathus ochrophaeus carolinensis* Dunn

HOLOTYPE: 31135, Mount Mitchell, Mitchell County, North Carolina, over 6,000 ft., H. H. Brimley and F. Sherman, Jr., Oct. 5, 1902.

PARATYPES (5): 31133–4, 31136–8, same data.

Desmognathus ocoee Nichols

Journ. Tennessee Acad. Sci., vol. 24, p. 127, 1949.

Holotype: 128007, ♂, Ship's Prow Rock, Ocoee Gorge, 9 miles northwest of Ducktown, Polk County, Tennessee, J. C. Nichols, Jr., Nov. 14, 1948.

Paratype: 128008, ♀, same data.

Desmognathus wrighti King

Herpetologica, vol. 1, p. 57, pl. 5, 1936.

Holotype: 101794, ♂, Mount Le Conte, Great Smoky Mountains National Park, Sevier County, Tennessee, F. W. King, July 19, 1934.

Paratypes (22, all from Great Smoky Mountains National Park, collected by F. W. King): 101790–3, 101795–6, Mount Le Conte, July 19, 1934. 101797–9, 101802, Mount Le Conte, Sept. 23, 1934. 101803–4, Pecks Corner, Aug. 15, 1934. 101805–6, Mount Hardison, Aug. 22, 1934. 101807–12, Brushy Lead, Aug. 8, 1934. 101813–4, White Rock, Oct. 14, 1934. 101800–1 were exchanged to MCZ in 1937.

Diemictylus viridescens evergladensis Peterson

Herpetologica, vol. 8, p. 103, fig. 1, 1952.

=*Diemictylus viridescens piaropicola* Schwartz and Duellman

Paratype: 134287 (formerly UIMNH 30492), 26 miles west of Miami, Dade County, Florida, H. W. Peterson, May 1, 1952.

Diemyctylus viridescens vittatus Garman

Journ. Cincinnati Soc. Nat. Hist., vol. 19, p. 49, figs. b–c, 1897.

=*Diemictylus viridescens dorsalis* (Harlan)

Cotypes (3): 23797–9, Wilmington, New Hanover County, North Carolina, H. Garman, July 22, 1892.

Ensatina eschscholtzii xanthoptica Stebbins

Univ. California Publ. Zool., vol. 48, p. 407, pl. 1, figs. 2, 12, 1949

Paratype: 93606, Berkeley, Alameda County, California, B. Campbell, Feb. 2, 1931. This specimen was used as a paratype, but was not so listed.

Ensatina klauberi Dunn

Proc. U.S. Nat. Mus., vol. 74, No. 2767, p. 2, 1928.

=*Ensatina eschscholtzii klauberi* Dunn

Holotype: 75337, ♀, Descanso, San Diego County, California, J. Carter, Apr. 1, 1928.

Paratypes (2): 75229–30, Banning, Riverside County, California, A. Gilman, Oct. 10, 1926. These specimens are considered by R. C. Stebbins to be intergrades between *Ensatina croceator* and *E. klauberi.*

Eurycea bislineata major Trapido and Clausen

Copeia, No. 3, p. 118, 1938.

=*Eurycea bislineata bislineata* (Green)

Holotype: 104239, ♂, Ouiatchouan River at Val Jalbert, Lake St. John County, Quebec, Canada, R. T. Clausen and H. Trapido, Sept. 17, 1937.

Paratypes (3): 48056, 48081–2, Godbout, Quebec, Canada, U.S. Bureau of Biological Survey.

Eurycea bislineata rivicola Mittleman

Proc. Biol. Soc. Washington, vol. 62, p. 93, 1949.

Holotype: 129397, ♂, Echo Canyon, Owen County, Indiana, M. E. and M. B. Mittleman, August 1942. Allotype, 8832, Cincinnati, Hamilton County, Ohio, J. N. B. Scarborough.

Paratypes (20): 17465–8, Indianapolis, Marion County, Indiana, O. P. Hay. 17972–4, Lafayette, Tippecanoe County, Indiana, F. C. Test. 76825–6, 5 miles southeast of Camden, Preble County, Ohio, R. Greenfield, Apr. 3, 1929. 85686, 2 miles east of Shacklett, Cheatham County, Tennessee, C. E. Burt, June 5, 1932. 85689, 5 miles west of Belleview, Davidson County, Tennessee, C. E. Burt, June 5, 1932. 87615, 3 miles east of Pleasant Hill. Cumberland County, Tennessee, C. E. Burt, July 23, 1932. 88754, Bean Station, Grainger County, Tennessee, C. E. Burt, July 1932. 88755, Dowelltown, De Kalb County Tennessee, C. E. Burt, July 23, 1932. 118302–6, Marietta, Washington County, Ohio, F. W. King, May 21, 1930. 129398, ♀, Echo Canyon, Owen County, Indiana, M. E. and M. B. Mittleman, August 1942.

Eurycea griseogaster Moore and Hughes

Copeia, No. 3, p. 139, fig. 1, 1941.

=*Eurycea multiplicata griseogaster* Moore and Hughes

Paratypes (14): 113231–4, 113235 (10 larvae), Swimmer's Creek, 10 miles northeast of Gore, Sequoyah County, Oklahoma, A Seamster and G. A. Moore, Apr. 11, 1941.

Eurycea latitans Smith and Potter

Herpetologica, vol. 3, p. 106, 1946.

Holotype: 123594, ♂, Cascade Cavern, 4.6 miles southeast of Boerne, Kendall County, Texas, F. E. Potter, Jr., May 15, 1946.

Eurycea longicauda pernix Mittleman

Proc. New England Zool. Club, vol. 21, p. 101, pl. 20, 1942.

Paratype: 120708 (formerly MCZ 25574), Brown County State Park, 2.5 miles southeast of Nashville, Brown County, Indiana, M. E. and M. B. Mittleman, Aug. 22, 1942.

Eurycea neotenes Bishop and Wright

Proc. Biol. Soc. Washington, vol. 50, p. 142, fig., 1937.

Holotype: 103161, ♂, Culebra Creek, 5 miles north of Helotes, Bexar County. Texas. M. R. Wright and S. C. Bishop, Apr. 1, 1936. Allotype, 103162, same data.

Eurycea tynerensis Moore and Hughes

Amer. Midl. Nat., vol. 22, p. 697, figs. 1–2, 1939.

PARATYPES (12): 108548 (12 larvae), Tyner Creek, 0.5 mile east of Proctor, Adair County, Oklahoma, J. T. Mizelle and G. A. Moore, May 29, 1939.

Gyrinophilus dunni Mittleman and Jopson

Smithsonian Misc. Coll., vol. 101, No. 3638, p. 2, pl. 1, 1941.

=*Gyrinophilus danielsi dunni* Mittleman and Jopson

HOLOTYPE: 113230, ♀, Clemson, Pickens County, South Carolina, A. Grobman, Apr. 8, 1941.

PARATYPES (4): 68168, Indian Cave, near Jefferson City, Jefferson County, Tennessee, 1,250 ft., J. D. Ives. 68820, Indian Cave, near Jefferson City, Jefferson County, Tennessee, 1,200 ft., J. D. Ives, Feb. 12, 1945. 102440, Caesar's Head, Greenville County, South Carolina, 3,000 ft., H. G. M. Jopson, Apr. 13, 1934. 102441, larva, east of Rabun Gap, Rabun County, Georgia, 2,300 ft., H. P. and H. G. M. Jopson, Apr. 6, 1934.

Gyrinophilus porphyriticus inagnoscus Mittleman

Proc. New England Zool. Club, vol. 20, p. 27, pl. 6, fig. F, text-fig. 1 (incorrectly given as "2" in original description), 1942.

HOLOTYPE: 115520, ♀, Salt Creek, 4 miles southwest of South Bloomingville, Hocking County, Ohio, M. B. Mittleman, Sept. 25, 1940.

Hemidactylium pacificum Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 17, p. 195, 1865.

=*Batrachoseps pacificus* (Cope)

HOLOTYPE: 6733, Santa Barbara, Santa Barbara County, California, W. W. Hayes.

Heredia oregonensis Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 8, p. 140, 1857.

=*Ensatina eschscholtzii oregonensis* (Girard)

COTYPES (2): 15479–80, Puget Sound (Washington), U.S. Exploring Expedition, 1841.

Hynobius retardatus Dunn

Proc. California Acad. Sci., ser. 4, vol. 12, p. 27, 1923.

PARATYPES (2): 64902, Kutara Lake, Iburi, Hokkaido, Japan, M. Oshima. 64903, estuary of Shirisatsumi River near Lake Shikotsu, Iburi, Hokkaido, Japan, M. Oshima.

Hynobius shihi Liu

Chicago Nat. Hist. Mus., Fieldiana: Zool. Mem., vol. 2, p. 77, 1950.

PARATYPE: 124580, Ta-pa-shan, Szechwan, China, C. C. Liu.

Hynobius stejnegeri Dunn

Proc. California Acad. Sci., ser. 4, vol. 12, p. 28, 1923.

HOLOTYPE: 23901, ♀, Kyushu, Higo Province, Kumamoto, Japan, Nakagawa, 1884.

Manculus quadridigitatus paludicolus Mittleman

Herpetologica, vol. 3, p. 220, 1947.

=*Manculus quadridigitatus* (Holbrook)

HOLOTYPE: 123979, Pollock, Grant Parish, Louisiana, P. Viosca, Jr., Sept. 6–9, 1937.

PARATYPES (9): 17700, Palestine, Anderson County, Texas, B. W. Evermann. 99176–7, 4 miles southwest of Many, Sabine Parish, Louisiana, C. E. Burt, June 16, 1934. 99762, Hillister, Tyler County, Texas, C. E. Burt, July 6, 1934. 99773–7, 5 miles southwest of Pendleton Ferry, Sabine County, Texas, C. E. Burt, June 17, 1934.

Manculus quadridigitatus uvidus Mittleman

Herpetologica, vol. 3, p. 221, 1947.

=*Manculus quadridigitatus* (Holbrook)

HOLOTYPE: 123980, Gayle, Caddo Parish, Louisiana, L. S. Frierson and J. K. Strecker.

Menobranchus lateralis latastei Garnier

Proc. Canadian Inst., ser. 3, vol. 5, p. 218, 1888.

=*Necturus maculosus maculosus* (Rafinesque)

COTYPES (2): 22331–2, Maitland River, Ontario, Canada, J. H. Garnier.

Menobranchus punctatus Gibbes

Proc. Amer. Assoc. Adv. Sci., p. 159, 1850.

=*Necturus punctatus* (Gibbes)

COTYPE: 11813, South Santee River, South Carolina, L. R. Gibbes, 1850.

Necturus alabamensis Viosca

Copeia, No. 2, p. 121, 1937.

=*Necturus maculosus beyeri* Viosca

HOLOTYPE: 102676, ♀, Black Warrior River, near Tuscaloosa, Tuscaloosa County, Alabama, Univ. Alabama, Jan. 22, 1914.

Necturus beyeri Viosca

Copeia, No. 2, p. 123, fig. 2, 1937.

=*Necturus maculosus beyeri* Viosca

HOLOTYPE: 102674, ♀, Oakdale, upper Calcasieu River, Allen Parish, Louisiana, P. Viosca, Jr., winter of 1928.

PARATYPE: 102675, same data.

Necturus lödingi Viosca

Copeia, No. 2, p. 126, fig. 4, 1937.

HOLOTYPE: 61752, ♀, Mertz Station, Eslava Creek, near Mobile, Mobile County, Alabama, C. Löding, February 1918.

Necturus louisianensis Viosca

Proc. Biol. Soc. Wash., vol. 51, p. 143, pls. 1–2, 1938.

=*Necturus maculosus louisianensis* Viosca

HOLOTYPE: 104238, ♀, Fishville, in Big Creek, east of Pollock, Grant Parish, Louisiana, P. Viosca and O. F.-R. Bruce, Feb. 22, 1938.

Necturus maculosus lewisi Brimley

Journ. Elisha Mitchell Sci. Soc., vol. 40, p. 167, 1924.

HOLOTYPE: 73848, Neuse River, near Raleigh, Wake County, North Carolina, F. B. Lewis, Feb. 25, 1921.

Oedipina ignea Stuart

Proc. Biol. Soc. Washington, vol. 65, p. 1, 1952.

HOLOTYPE: 127959, ♀, Río Las Brisas, south of Yepocapa, Department of Chimaltenango, Guatemala, 1,450 m., H. T. Dalmat, Aug. 2, 1947.

Oedipus bromeliacia Schmidt

Field Mus. Nat. Hist., Zool. Ser., vol. 20, p. 161, 1936.

=*Chiropterotriton bromeliacia* (Schmidt)

PARATYPES (2): 103339–40 (formerly FMNH 20294), Volcán Tajumulco, Guatemala, K. P. Schmidt, Feb. 19, 1934.

Oedipus flavimembris Schmidt

Field Mus. Nat. Hist., Zool. Ser., vol. 20, p. 158, 1936.

=*Magnadigita flavimembris* (Schmidt)

PARATYPE: 103331 (formerly FMNH 20323), Volcán Tajumulco, Guatemala, 7,200 ft., K. P. Schmidt, Feb. 22, 1934.

Oedipus flaviventris Schmidt

Field Mus. Nat. Hist., Zool. Ser., vol. 20, p. 148, 1936.

=*Bolitoglossa flaviventris* (Schmidt)

HOLOTYPE: 46922, ♀, Chicharras, Chiapas, Mexico, E. W. Nelson and E. A. Goldman, Feb. 6, 1896.

PARATYPES (2): 30305, Tehuantepec, Oaxaca, Mexico, F. Sumichrast. 46923, Chicharras, Chiapas, Mexico, E. W. Nelson and E. A. Goldman, Feb. 6, 1896.

Oedipus franklini Schmidt

Field Mus. Nat. Hist., Zool. Ser., vol. 20, p. 159, fig. 19, 1936.

=*Magnadigita franklini* (Schmidt)

PARATYPES (2): 103332–3 (formerly FMNH 20655–6), Volcán Tajumulco, Guatemala, 7,500 ft., K. P. Schmidt, Feb. 27, 1934.

Oedipus gadovii Dunn

Salamanders of the family Plethodontidae, Ann. Publ. Smith Coll., vol. 50, p. 437, 1926.

=*Pseudoeurycea gadovii* (Dunn)

PARATYPES (3): 19263–5, Mount Orizaba, Veracruz, Mexico, 12,000 ft., W. S. Blatchley, Aug. 2–4, 1891.

Oedipus goebeli Schmidt

Field Mus. Nat. Hist., Zool. Ser., vol. 20, p. 163, 1936.

=*Pseudoeurycea goebeli* (Schmidt)

PARATYPES (2): 103334–5 (formerly FMNH 20299, 20301), Volcán Tajumulco, Guatemala, 8,000–14,000 ft., K. P. Schmidt, Feb. 13–14, 1934.

Oedipus helmrichi Schmidt

Field Mus. Nat. Hist., Zool. Ser., vol. 20, p. 152, fig. 18c, 1936.

=*Bolitoglossa helmrichi* (Schmidt)

PARATYPE: 103338 (formerly FMNH 20727), Samar, Alta Verapaz, Guatemala, 5,000 ft., D. Clark, Mar. 27, 1934.

Oedipus multidentata Taylor

Univ. Kansas Sci. Bull., vol. 25 (1938), p. 289, pl. 29, fig. 1, 1939.

=*Chiropterotriton multidentata* (Taylor)

PARATYPES (3): 134284–6 (formerly UIMNH 26953–5), El Chico National Park, Hidalgo, Mexico, E. H. Taylor, Aug. 2, 1938.

Oedipus nasalis Dunn

Field Mus. Nat. Hist., Zool. Ser., vol. 12, p. 97, 1924.

=*Chiropterotriton nasalis* (Dunn)

PARATYPES (2): 103336–7 (formerly FMNH 4569–70), San Pedro, Honduras, 4,500 ft., K. P. Schmidt, Apr. 1, 1923.

Oedipus odonnelli Stuart

Misc. Publ. Mus. Zool. Univ. Michigan, No. 56, p. 10, 1943.

=*Bolitoglossa odonnelli* (Stuart)

PARATYPE: 118781 (formerly MZUM 89105), Finca Volcán, Alta Verapaz, Guatemala, L. C. Stuart, Mar. 20, 1938.

Oedipus robertsi Taylor

Univ. Kansas Sci. Bull., vol. 25 (1938), p. 287, pl. 26, fig. 2, 1939.

=*Pseudoeurycea robertsi* (Taylor)

PARATYPE: 134290 (formerly UIMNH 27210), Nevada de Toluca, Mexico, Mexico, 10,000–11,000 ft., E. H. Taylor, Aug. 31, 1938.

Oedipus smithi Taylor

Univ. Kansas Sci. Bull., vol. 25 (1938), p. 269, pl. 25, figs. 5–6, 1939.

=*Pseudoeurycea smithi* (Taylor)

PARATYPE: 134291 (formerly UIMNH 27219), Cerro San Felipe, Oaxaca, Mexico, E. H. Taylor, Aug. 20–22, 1938.

Oedipus striatulus Noble

Bull. Amer. Mus. Nat. Hist., vol. 38, p. 344, pl. 19, 1918.

=*Bolitoglossa striatula* (Noble)

PARATYPE: 37771, Turrialba, Costa Rica, J. F. Tristan, Feb. 6, 1906.

Oedipus townsendi Dunn

Proc. Biol. Soc. Washington, vol. 35, p. 5, 1922.

=*Parvimolge townsendi* (Dunn)

PARATYPE: 30352, Tehuantepec, Oaxaca, Mexico? (probably from Cerro de la Defensa, near Córdoba, Veracruz, fide Dunn), C. Sartorius?.

Plethodon cinereus angustiolavius Grobman

Ann. New York Acad. Sci., vol. 45, p. 302, fig. 6c, 1944.

=*Plethodon dorsalis angusticlavius* Grobman

PARATYPE: 57089, Stone County, Missouri, J. Hurter, June 20, 1910.

Plethodon cinereus dorsalis Baird

in Cope, U.S. Nat. Mus. Bull. 34, p. 138, 1889.

=*Plethodon dorsalis dorsalis* Baird

COTYPES (4): 3776 (4), Louisville, Jefferson County, Kentucky.

Plethodon clemsonae Brimley

Copeia, No. 164, p. 73, 1927.

=*Plethodon jordani clemsonae* Brimley

HOLOTYPE: 73849, ♂, Jocassee, Oconee County, South Carolina, 1,200–1,500 ft., J. A. Berly, Apr. 8, 1927.

Plethodon crassulus Cope

Proc. Amer. Philos. Soc., vol. 23, p. 521, 1886.

=*Aneides lugubris lugubris* (Hallowell)

HOLOTYPE: 9447, California, J. G. Cooper.

Plethodon dixi Pope and Fowler

Chicago Acad. Sci. Nat. Hist. Misc., No. 47, p. 2, 1949.

=*Plethodon wehrlei dixi* Pope and Fowler

PARATYPES (11): 127239–49, Dixie Caverns, 5 miles south of Salem, Roanoke County, Virginia, J. A. Fowler, June 21, 1948.

Plethodon dunni Bishop

Proc. Biol. Soc. Washington, vol. 47, p. 169, pl. 1, 1934.

HOLOTYPE: 95196, ♀, near Portland, Clackamas County, Oregon, S. G. Jewett, Jr., Jan. 13, 1934.

Plethodon glutinosus chlorobryonis Mittleman

Herpetologica, vol. 7, p. 108, 1951.

=*Plethodon glutinosus glutinosus* (Green)

HOLOTYPE: 129933, ♂, 13 miles north of New Bern, Craven County, North Carolina, C. B. Goodstein and M. B. Mittleman, Nov. 10, 1950. 129934, allotype, same data.

PARATYPES (6): 83469, Lake Waccamaw, Columbus County, North Carolina, J. E. Benedict, Jr. 84206–7, Williams Mill Pond, Gates County, North Carolina, M. K. Brady, Aug. 11, 1931. 91725–6, Lake Waccamaw, Columbus County, North Carolina, I. E. Gray, July 3, 1933. 129936, 4 miles north of Windsor, Bertie County, North Carolina, C. B. Goodstein and M. B. Mittleman, Nov. 10, 1950. 124354 from Perquimans County was exchanged to MCZ in 1958.

Plethodon hubrichti Thurow

Herpetologica, vol. 13, p. 59, 1957.

HOLOTYPE: 139087, ♂, Blue Ridge Parkway, 0.9 mile south of Milepost 80, Bedford County, Virginia, G. R. Thurow, Dec. 9, 1956.

PARATYPES (2): 139088–9, ♂, ♀, same data.

Plethodon huldae Grobman

Proc. Biol. Soc. Washington, vol. 62, p. 136, 1949.

=*Plethodon cinereus cinereus* (Green)

HOLOTYPE: 127955, foottrail to Hawksbill Mountain, near Skyline Drive, Madison County, Virginia, H. and A. Grobman, Sept. 5, 1947.

PARATYPES (3): 127956–8, foottrail to Hawksbill Mountain, Madison County, Virginia, H. I. Kleinpeter and S. A. Peabody, August 1947.

Plethodon idahoensis Slater and Slipp

Occ. Pap. Dept. Biol. Coll. Puget Sound, No. 8, p. 38, figs. 1–2, 1940.

=*Plethodon vandykei idahoensis* Slater and Slipp

HOLOTYPE: 110504, northeast corner of Coeur d'Alene Lake, Kootenai County, Idaho, 2,160 ft., J. R. Slater, 1939.

PARATYPE: 110505, northeast corner of Coeur d'Alene Lake, Kootenai County, Idaho, J. W. Slipp, 1939.

Plethodon intermedius Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 8, p. 207, 1857.

COTYPE: 4732a, Fort Tejon (Kern County), California. J. Xantus.

Plethodon jacksoni Newman

Herpetologica, vol. 10, p. 9, fig. 1, 1954.

=*Plethodon wehrlei jacksoni* Newman

HOLOTYPE: 134498, ♂, Trillium Vale near Blacksburg, Montgomery County, Virginia, 2,100 ft., W. B. Newman, Feb. 11, 1950.

Plethodon kentucki Mittleman

Herpetologica, vol. 7, p. 105, fig., 1951.

=*Plethodon glutinosus glutinosus* (Green)

HOLOTYPE: 129937, ♂, Pine Mountain, Harlan County, Kentucky, W. Cornett, August 1933. 129938, allotype, same data.

Plethodon metcalfi Brimley

Proc. Biol. Soc. Washington, vol. 25, p. 138, pl. 6, figs. 1–2, 4, 7–11, 1912.

=*Plethodon jordani metcalfi* Brimley

HOLOTYPE: 49682, Sunburst, Haywood County, North Carolina, 3,500 ft., C. S. Brimley, May 1912.

PARATYPE: 49683, same data.

Plethodon neomexicanus Stebbins and Riemer

Copeia, No. 2, p. 73, pl. 1, 1950.

PARATYPE: 129378, 12 miles west and 4 miles south of Los Alamos, Sandoval County, New Mexico, 8,750 ft., R. C. Stebbins, Aug. 14, 1949.

Plethodon ouachitae Dunn and Heinze

Copeia, No. 3, p. 121, 1933.

HOLOTYPE: 92484, ♂, Rich Mountain in Ouachita National Forest, Polk County, Arkansas, A. A. Heinze and D. A. Boyer, May 30, 1933.

Plethodon richmondi Netting and Mittleman

Ann. Carnegie Mus., vol. 27, p. 288, pl. 30, fig. 1, 1938.

=*Plethodon richmondi richmondi* Netting and Mittleman

PARATYPES (3): 107283–4, Athens County, Ohio, H. T. Gier, Mar. 29, 1938. 108549 (formerly CM 14188), Ritter Park, Huntington, Cabell County, West Virginia, N. D. Richmond and J. Green, Oct. 15, 1938.

Plethodon richmondi popei Highton and Grobman

Herpetologica, vol. 12, p. 187, 1956.

PARATYPES (34): 135178, Nigger Mountain, southeast of Jefferson, Ashe County, North Carolina, L. Hubricht, Oct. 17, 1953. 135179, Milepost 236.2, Blue Ridge Parkway, Alleghany County, North Carolina, L. Hubricht, Oct. 10, 1953. 135180, 2 miles southeast of Sparta, Alleghany County, North Carolina, L. Hubricht, Oct. 17, 1953. 135181–98, Burkes Garden, Tazewell County, Virginia, R. L. Hoffman, July 12, 1953–Mar. 20, 1954. 135199–202, 6 miles west of Wytheville, Wythe County, Virginia, R. L. Hoffman, Mar. 30, 1954. 135207–13, Brushy Mountain, 5 miles east of Marion, Smyth County, Virginia, R. L. Hoffman, May 2, 1954. 137291–2, Comers Rock, Grayson-Wythe County line, Virginia, W. Auffenberg and A. B. Grobman, Aug. 30, 1951.

Plethodon shermani Stejneger

Proc. U.S. Nat. Mus., vol. 30, p. 559, fig. 1, 1906.

=*Plethodon jordani shermani* Stejneger

HOLOTYPE: 36214, Nantahala Mountain, between Andrews and Aquone, North Carolina, F. Sherman, Jr., Aug. 24, 1904.

Plethodon vandykei larselli Burns

Herpetologica, vol. 10, p. 83, 1954.

HOLOTYPE: 134129, ♂, north slope of Larch Mountain, Multnomah County, Oregon, D. M. Burns, May 24, 1953.

PARATYPE: 134130, north slope of Larch Mountain, Multnomah County, Oregon, D. M. Burns, early June 1951.

Plethodon welleri Walker

Proc. Jun. Soc. Nat. Sci. Cincinnati, vol. 2, p. 48, 1931.

=*Plethodon welleri welleri* Walker

HOLOTYPE: 84135, ♂, Grandfather Mountain, near Linville, Avery County, North Carolina, above 5,000 ft., W. H. Weller and R. Dury, Aug. 27, 1930.

PARATYPES (2): 84136–7, same data.

Plethodon welleri ventromaculatum Thurow

Amer. Midl. Nat., vol. 55, p. 344, pl. 1, 1956.

PARATYPES (5): 124632–3, Mount Rogers, Grayson County, Virginia, R. L. Hoffman and H. I. Kleinpeter, July 1, 1947. 132323–4, 5.3 miles north of Carderview, Johnson County, Tennessee, R. L. Hoffman, May 31, 1952. 133073, White Top Mountain, Grayson County, Virginia, L. G. Carr, Aug. 15, 1946. 133074 was exchanged to MCZ in 1958.

Plethodon yonahlossee Dunn

Bull. Amer. Mus. Nat. Hist., vol. 37, p. 598, 1917.

PARATYPES (3): 36397–8, between Linville and Blowing Rock, North Carolina, F. Sherman, Jr., September 1902. 62017, Linville, Avery County, North Carolina, E. R. Dunn, Aug. 16, 1916.

Plethopsis wrighti Bishop

Herpetologica, vol. 1, p. 93, pl. 9, 1937.

=*Batrachoseps wrighti* (Bishop)

HOLOTYPE: 102445, ♂, 8.7 miles southeast of Sandy, Clackamas County, Oregon, S. C. Bishop, June 15, 1936. 102446, allotype, same data.

Pseudobranchus striatus axanthus Netting and Goin

Ann. Carnegie Mus., vol. 29, p. 183, pl. 1, figs. 1–2, 1942.

PARATYPES (10): 67352–3, Gainesville, Alachua County, Florida, T. Van Hyning, 1924. 92566, Gainesville, Alachua County, Florida, M. K. Brady, 1931. 107288, 107290–4, Newnans Lake, near Gainesville, Alachua County, Florida, C. R. Aschemeier, Feb. 24, 1938. 118790 (formerly MZUM 77150), Paines Prairie, near Gainesville, Alachua County, Florida, W. Clanton, Oct. 4, 1932. 107289 was exchanged to ZS in 1952.

Pseudobranchus striatus spheniscus Goin and Crenshaw

Ann. Carnegie Mus., vol. 31, p. 277, 1949.

PARATYPES (5): 128140–4, larvae, Putney Pond, Baker County, Georgia, J. W. Crenshaw and G. B. Rabb, July 1, 1948.

Pseudoeurycea brunnata Bumzahem and Smith

Herpetologica, vol. 11, p. 73, 1955.

Paratype: 137207 (formerly UIMNH 33720), near Soconusco, Chiapas, Mexico, E. Matuda, 1944–49.

Pseudoeurycea firscheini Shannon and Werler

Herpetologica, vol. 11, p. 82, fig. 2, 1955.

Paratype: 139718 (formerly UIMNH 25103), mountain crest above Acultzingo, Veracruz, Mexico, J. Werler, Jan. 7, 1951.

Pseudoeurycea werleri Darling and Smith

Trans. Kansas Acad. Sci., vol. 57, p. 180, 1954.

Paratype: 137208 (formerly UIMNH 33896), Volcán San Martín, Veracruz, Mexico, D. Darling, Feb. 22–28, 1953.

Pseudotriton duryi Weller

Proc. Jun. Soc. Nat. Hist. Cincinnati, vol. 1, p. 9, 1930.

=*Gyrinophilus porphyriticus duryi* (Weller)

Holotype: 84300, Cascade Caverns, Carter County, Kentucky, R. Dury and W. H. Weller, Apr. 6, 1930.

Pseudotriton montanus Baird

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 1, p. 293, 1849.

=*Pseudotriton montanus montanus* Baird

Cotypes (3): 3839 (3), Carlisle, Cumberland County, Pennsylvania, S. F. Baird.

Pseudotriton montanus floridanus Netting and Goin

Ann. Carnegie Mus., vol. 29, p. 175, pl. 1, fig. 5, 1942.

Paratypes (2): 22819, Chuluota, Seminole County, Florida, R. A. Mills. 118789 (formerly MZUM 86419), Gainesville, Alachua County, Florida, Apr. 10, 1936.

Pseudotriton ruber vioscai Bishop

Occ. Pap. Boston Soc. Nat. Hist., vol. 5, p. 247, 1928.

Holotype: 75057, ♀, 10 miles west of Bogalusa, Washington Parish, Louisiana, P. Viosca, Jr., Apr. 10, 1926.

Paratype: 75080, Bogalusa, Washington Parish, Louisiana, P. Viosca, Jr., Feb. 13, 1928.

Ranodon olympicus Gaige

Occ. Pap. Mus. Zool. Univ. Michigan, No. 40, p. 2, pl. 1, 1917.

=*Rhyacotriton olympicus* (Gaige)

Paratypes (2): 55277, 55331, Olympic Mountains, Lake Cushman, Washington, P. Putnam, Apr. 19, 1916 (55331), May 7, 1916 (55277).

Rhyacosiredon rivularis Taylor

Herpetologica, vol. 1, p. 171, pl. 17, fig. 1, 1940.

PARATYPE: 137209 (formerly UIMNH 27241), 8 miles west of Villa Victoria, Mexico, Mexico, E. H. Taylor, Sept. 11, 1938.

Rhyacosiredon zempoalaensis Taylor and Smith

Proc. U.S. Nat. Mus., vol. 95, p. 527, 1945.

HOLOTYPE: 116617, Zempoala, Morelos, Mexico, 10,000 ft., H. M. Smith, Feb. 23, 1939.

PARATYPES (14): 116614–6, 116118–28, Zempoala, Morelos, Mexico, 10,000 ft., H. M. Smith, Feb. 21–24, 1939.

Salamandra agilis Sager

Amer. Journ. Sci., ser. 1, vol. 36, p. 322, 1839.

=*Plethodon cinereus cinereus* (Green)

COTYPES? (15): 3770 (15), Detroit, Wayne County, Michigan, A. Sager.

Salamandra granulata De Kay

Zoology of New York, vol. 1, pt. 3 (Reptiles and Amphibia), p. 78, pl. 23, fig. 66, 1842 (*in* [New York State], Natural History of New York).

=*Ambystoma jeffersonianum* (Green)

COTYPES? (2): 3981 (2), New York.

Salamandra jeffersoniana Green

Contr. Maclurian Lyc., vol. 1, No. 1, p. 4, pl. 1, fig. 1, 1827.

=*Ambystoma jeffersonianum* (Green)

HOLOTYPE?: 3968, near Chartier's Creek, at Canonsburg, Washington County, Pennsylvania, J. Green.

Salamandra lurida Sager

Amer. Journ. Sci., ser. 1, vol. 36, p. 323, 1839.

=*Ambystoma tigrinum tigrinum* (Green)

HOLOTYPE: 39442 (formerly 3899), Detroit, Wayne County, Michigan, A. Sager.

PARATYPE: 3970, same data.

Salamandrella sinensis Sauvage

Bull. Soc. Philom. Paris, ser. 7, vol. 1, p. 117, 1877.

=*Batrachuperus pinchonii* David

PARATYPE: 10995, Kiang-si, China, MHNP.

Siredon dumerilii Dugès

Naturaleza, vol. 1, p. 241, pl. 5a, figs. 1–13, 1870.

=*Bathysiredon dumerilii* (Dugès)

COTYPES (2): 16201–2, Lake Pátzcuaro, Michoacán, Mexico, 2,055 ft., A. Dugès.

Siredon gracilis Baird

Report on reptiles collected on the survey, in Report U.S. Pacific R.R. Explor. and Surv. [California and Oregon], vol. 10, pt. 4, No. 4, p. 13, pl. 44, fig. 2, 1859.

=*Ambystoma gracile gracile* (Baird)

Cotypes (2): 4080 (2), larvae, Cascade Mountains, Oregon, latitude 44°, J. S. Newberry.

Siren intermedia nettingi Goin

Ann. Carnegie Mus., vol. 29, p. 211, 1942.

Paratype: 118793 (formerly MZUM 68382), Imboden, Lawrence County, Arkansas, B. C. Marshall, May 3, 1929.

Siren intermedia texana Goin

Herpetologica, vol. 13, p. 37, 1957.

Paratypes (10): 4048 (7), 4075 (head only), Matamoras, Tamaulipas, Mexico, D. N. Couch. 10853, 10855, Upson, Maverick County, Texas, A. Türpe, 1880. 10861 also from Maverick County was exchanged to IML in 1946; 10857 to MCZ, 1958.

Siredon lermaensis Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 427, pl. 48, 1940.

Paratype: 134297 (formerly UIMNH 27236), Lerma, Mexico, Mexico, E. H. Taylor and H. M. Smith, 1939.

Siredon lichenoides Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 68, 1852.

=*Ambystoma tigrinum mavortium* Baird

Cotypes (2): 4061 (2), larvae, Spring Lake, at the head of Santa Fe Creek, New Mexico, R. H. Kern.

Spelerpes bilineatus borealis Baird

in Cope, U.S. Nat. Mus. Bull. 34, p. 165, 1889.

=*Eurycea bislineata bislineata* (Green)

Cotypes (12): 4735a (12), Lake Oquassoc (Franklin County), Maine, C. Girard.

Spelerpes collaris Stejneger

Proc. U.S. Nat. Mus., vol. 32, p. 465, 1907.

=*Oedipina collaris* (Stejneger)

Holotype: 37350, Topaz Mines, 90 miles northwest of Bluefields, Nicaragua, 400 ft., W. F. Thornton.

Spelerpes gibbicaudus Blatchley

Proc. U.S. Nat. Mus., vol. 16, p. 38, 1893.

=*Pseudoeurycea leprosa* (Cope)

Holotype: 19255 (formerly 6340), Orizaba, Veracruz, Mexico, F. Sumichrast. This specimen is also one of the cotypes of *Spelerpes leprosus* Cope.

Spelerpes leprosus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 21, p. 105, 1869.

=*Pseudoeurycea leprosa* (part) (Cope)

COTYPES (5): 6340 (2), 19255, 103591–2, Orizaba, Veracruz, Mexico, F. Sumichrast. 19255 is the lectotype of *leprosus*, and is also the holotype of *Spelerpes gibbicaudus* Blatchley. 103591 (formerly 6340) is *Pseudoeurycea cephalica cephalica* (Cope), and 103592 (formerly 6340) is an undetermined form according to Taylor, Univ. Kansas Sci. Bull., vol. 25, p. 274, 1939.

Spelerpes multiplicatus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 21, p. 106, 1869.

=*Eurycea multiplicata* (Cope)

COTYPES (5): 4038 (5), Red River (restricted to vicinity of Fort Towson, Choctaw County, Oklahoma), L. A. Edwards.

Spelerpes orizabensis Blatchley

Proc. U.S. Nat. Mus., vol. 16, p. 38, 1893.

=*Pseudoeurycea leprosa* (Cope)

COTYPES (2): 19266–7, Orizaba, Veracruz, Mexico, 11,000 ft., W. S. Blatchley, Aug. 2, 1891.

Spelerpes picadoi Stejneger

Proc. U.S. Nat. Mus., vol. 41, p. 285, 1911.

=*Chiropterotriton picadoi* (Stejneger)

HOLOTYPE: 48280, La Estrella, southeast of Cartago, Costa Rica, C. Picado, September 1911.

Spelerpes ruber schenki Brimley

Proc. Biol. Soc. Washington, vol. 25, p. 139, pl. 7, figs. 12–13, 15, 17–18, 20–22, 1912.

=*Pseudotriton ruber schenki* (Brimley)

HOLOTYPE: 49679, Sunburst, Haywood County, North Carolina, 3,200 ft., C. S. Brimley, May 1912.

PARATYPE: 49680, same data.

Spelerpes ruber sticticeps Baird

in Cope, U.S. Nat. Mus. Bull. 34, p. 178, 1889.

=*Pseudotriton ruber sticticeps* (Baird)

COTYPES (2): 11475 (2), Georgia? (restricted to Rabun County, Georgia), W. L. Jones.

Taricha laevis Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 302, 1853.

=*Taricha torosa torosa* (Rathke)

COTYPES (5): 4014 (5), San Francisco, San Francisco County, California, J. L. LeConte.

Thorius dubitus Taylor

Univ. Kansas Sci. Bull., vol. 27, p. 108, pl. 3, fig. 3, 1941.

PARATYPE: 134293 (formerly UIMNH 26829), summit of hill above Acultzingo, Veracruz, Mexico, E. H. Taylor, 1939.

Thorius maxillabrochus Gehlbach

Copeia, No. 3, p. 205, fig. 1c–d, 1959.

HOLOTYPE: 140293, ♂, 4 miles west of Zoquitlán, Puebla, Mexico, around 8,400 ft., R. H. Long, Jr. and F. C. Sibley, Aug. 12, 1954.

PARATYPE: 140294, same data.

Thorius narisovalis Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 416, pl. 47, fig. 3, 1940.

PARATYPES (2): 134294–5 (formerly UIMNH 26853–4), Cerro San Felipe, Oaxaca, Mexico, E. H. Taylor, 1938.

Thorius pennatulus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 21, p. 111, 1869.

NEOTYPE: 111017, Cuautlapan, near Orizaba, Veracruz, Mexico, H. M. Smith, July 1940. See also Taylor, Univ. Kansas Sci. Bull., vol. 27, p. 107, 1941.

Thorius pulmonaris Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 411, figs. 3–4, 1940.

PARATYPE: 139719 (formerly UIMNH 30983), Cerro San Felipe, Oaxaca, Mexico, E. H. Taylor, Aug. 22, 1938.

Thorius schmidti Gehlbach

Copeia, No. 3, p. 203, fig. 1a–b, 1959.

HOLOTYPE: 140295, ♂, 4 miles west of Zoquitlán, Puebla, Mexico, around 8,400 ft., F. C. Sibley, Aug. 14, 1954.

PARATYPES (5): 140296–300, same data.

Triton blasii de l'Isle

Ann. Sci. Nat. Zool., Ser. 4, vol. 17, p. 364, 1862.

=*Triturus marmoratus marmoratus* (Latreille)

COTYPES (2): 11011 (2), ♂, ♀, Nantes, France, MHNP.

Triton ensicauda Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 494, 1861.

=*Triturus ensicaudus ensicaudus* (Hallowell)

COTYPE: (3): 7410 (3), ♂, ♂, ♀, Ousima (Amami, Ryukyu Islands), W. Stimpson. These specimens are also the cotypes of *Triton subcristatus* Hallowell.

Triton subcristatus Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 494, 1861.

=*Triturus ensicaudus ensicaudus* (Hallowell)

Cotypes (3): 7410a–c, Ousima (Amami, Ryukyu Islands), W. Stimpson. These specimens are also the cotypes of *Triton ensicauda* Hallowell.

Triturus ensicaudus popei Inger

Chicago Nat. Hist. Mus., Fieldiana: Zool., vol. 32, p. 319, 1947.

Paratypes (118): 7451 (2), ♂, ♀, Loo Choo (Ryukyu) Islands, W. Heine, Perry Expedition, May 1853. 36555, ♂, Okinawa, SCMT. 122118–33, Okinawa, W. B. S. Thomas, Oct. 5–20, 1945. 123032, Chizuka Canyon, Okinawa, R. Bohart, Sept. 14, 1945. 123033–130, Hentona, Okinawa, D. H. Johnson and O. A. Muennink, August–September 1945.

Triturus perstriatus Bishop

Occ. Pap. Mus. Zool. Univ. Michigan, No. 451, p. 3, 1941.

=*Diemictylus viridescens perstriatus* (Bishop)

Paratype: 118791 (formerly MZUM 74437), 3 miles southwest of Gainesville, Alachua County, Florida, A. Carr, Jr., Feb. 14, 1933.

Typhlomolge rathbuni Stejneger

Proc. U.S. Nat. Mus., vol. 18, p. 620, 1896.

Holotype: 22686, San Marcos, Hays County, Texas, U.S. Fish Commission, February 1896.

Paratypes (6): 22687–9, 22691–3, San Marcos, Hays County, Texas, U.S. Fish Commission, Jan. 25–Mar. 1, 1896. 22690 was exchanged to IML in 1946.

Typhlotriton nereus Bishop

Copeia, No. 1, p. 1, figs. 1, 3b–b′, 1944.

Paratypes (7): 19778–9, 19781, 19784–5, 19787, Rock House Cave, Barry County, Missouri, G. E. Harris. 134296 (formerly UIMNH 27304), near Riverton, Cherokee County, Kansas, H. M. Smith et al., Mar. 26, 1931. 19778–9, 19781, 19784–5, and 19787 are also paratypes of *Typhlotriton spelaeus* Stejneger.

Typhlotriton spelaeus Stejneger

Proc. U.S. Nat. Mus., vol. 15, p. 116, pl. 9, 1892.

Holotype: 17903, Rock House Cave, Barry County, Missouri, F. A. Sampson, July 24, 1891.

Paratypes (17): 17904, larva, same data. 17905–12, 19780, 19782–3, 19786, 19788–91, Rock House Cave, Barry County, Missouri, G. E. Harris, Sept. 21, 1891. 19776–7 was given to SNCBSH. 19778–9, 19781, 19784–5, and 19787 are also paratypes of *Typhlotriton nereus* Bishop.

Order Salientia

Acris gryllus paludicola Burger, Smith, and Smith

Journ. Tennessee Acad. Sci., vol. 24, p. 131, 1949.

Paratype: 129412 (formerly UIMNH 854), 5 miles west of Sabine Pass, Jefferson County, Texas, W. Robertson, May 2, 1948.

Acrodytes modesta Taylor and Smith

Proc. U.S. Nat. Mus., vol. 95, p. 594, pl. 27, fig. 2, pl. 28, figs. 2–3, 1945.

=*Phrynohyas modesta* (Taylor and Smith)

Holotype: 115013, ♂, Cruz de Piedra, near Acacoyagua, Chiapas, Mexico, Dr. and Mrs. H. M. Smith, Apr. 21, 1940.

Paratypes (14): 115010–2, La Esperanza, Chiapas, Mexico, H. M. Smith, Apr. 7–June 3, 1940. 115014–9, 115021–3, Cruz de Piedra, near Acacoyagua, Chiapas, Mexico, H. M. Smith, Apr. 21–May 10, 1940. 115024–5, Colonia Soconusco, Chiapas, Mexico, H. M. Smith, May 4–9, 1940.

Agalychnis helenae Cope

Proc. Amer. Philos. Soc., vol. 22, p. 182, 1885.

Holotype: 13737, Nicaragua, J. F. Moser, Dec. 4, 1883.

Altirana parkeri Stejneger

Journ. Washington Acad. Sci., vol. 17, p. 318, 1927.

Holotype: 72328, ♂, Tingri, north of Mount Everest, Tibet, 15,000 ft., received from BMNH. Paratype 72327 was exchanged to WCUUM in 1947.

Ascaphus truei Stejneger

Proc. U.S. Nat. Mus., vol. 21, p. 900, text-fig. 1 and pl. 89, 1899.

=*Ascaphus truei truei* Stejneger.

Holotype: 25979, Humptulips, Gray's Harbor County, Washington, C. Rutter, Aug. 19, 1897.

Ascaphus truei californicus Mittleman and Myers

Proc. Biol. Soc. Washington, vol. 62, p. 63, 1949.

Paratypes (5): 45362, northwest slope Craigy Peak, Siskiyou Mountains, Siskiyou County, California, N. Hollister, Sept. 26, 1909. 93779 (4 tadpoles), near Scotia, Humboldt County, California, G. S. Myers.

Ascaphus truei montanus Mittleman and Myers

Proc. Biol. Soc. Washington, vol. 62, p. 64, 1949.

Holotype: 102505, ♂, Lake McDonald, tributary to Lincoln Creek, Glacier National Park, Flathead County, Montana, L. P. Schultz and R. T. Smith, July 29, 1934.

Paratypes (4, plus larvae, all from Glacier National Park, Flathead County, Montana): 102506–7, ♂, ♀, tributary to Lincoln Creek, L. P.

Schultz and R. T. Smith, July 29, 1934. 102508–9, juv., Lake Evangeline, L. P. Schultz, Aug. 16, 1934. 102510, larvae, Coal Creek, L. P. Schultz and L. Woodbury, July 24, 1934. 102511, larvae, Coal Creek, L. P. Schultz, July 23, 1934. 102512, larvae, 8 miles above mouth of Ole Creek, L. P. Schultz and L. Woodbury, June 28, 1934. 102513, larvae, Dutch Creek, L. P. Schultz and R. T. Smith, Aug. 19, 1934. 102514, larvae, 6 miles above Park Creek, L. P. Schultz and L. Woodbury, July 6, 1934. 102503 was exchanged to MP in 1949; 102504 to BM.

Atelopus cruciger vogli Müller

Zool. Anz., vol. 108, p. 151, 1934.

PARATYPES (15): 107328–33, near Maracay, Venezuela, P. C. Vogely, 1933. 113265–66, 113268–74, Los Penas at Hacienda de la Trinidad, near Maracay, Venezuela, P. C. Vogely, 1933. 113267 was exchanged to MZUM in 1944.

Atelopus gracilis Barbour

Bull. Mus. Comp. Zool., vol. 46, p. 102, 1905.

=*Atelopus elegans* (Boulenger)

COTYPES (2): 52401 (formerly MCZ 2423), Gorgona Island, Colombia, W. W. Brown, Jr., 1904. 118219, Gorgona Island, Colombia, W. W. Brown, Jr., 1904.

Atelopus moreirae massarti Cochran

Bull. Mus. Hist. Nat. Belgique, vol. 24, No. 24, p. 1, 2 figs., 1948.

PARATYPES (2): 124585–6, Castanhal Grande near Obidos, Pará, Brazil, J. Massart, February 1922.

Atelopus spurrelli certus Barbour

Occ. Pap. Mus. Zool. Univ. Michigan, No. 129, p. 12, 1923.

=*Atelopus varius certus* Barbour

PARATYPE: 118221 (formerly MCZ 9243), Mount Sapo, eastern Panama, T. Barbour and W. S. Brooks, 1922.

Atelopus varius glyphus Dunn

Occ. Pap. Boston Soc. Nat. Hist., vol. 5, p. 396, 1931.

HOLOTYPE: 50230, Pirri Range, near head of Río Limon, Panama, Apr. 15, 1912, E. A. Goldman.

PARATYPES (36): 48594–5, Porto Obaldia, Panama, H. Pittier, Aug. 30, 1911. 50168–75, 50226, Cana, Panama, 1,800–2,000 ft., E. A. Goldman, March 1912. 50231–48, Pirri Range near head of Río Limon, Panama, 5,000 ft., E. A. Goldman, Apr. 15, 1912. 53964, Río Jappe near Cana, Panama, S. E. Meek and S. F. Hildebrand, Mar. 2, 1912. 54191–5, Cerro Azul, Panama, 1,500 ft., E. A. Goldman, Mar. 25, 1911. 54230, Cana, Panama, S. E. Meek and S. F. Hildebrand, Mar. 1, 1912. 53965, 54183–4, 53186–90 were exchanged to CNHM; 54185 was exchanged to LC, 1927, and 66316 to MP, 1949.

Batrachylodes trossulus Brown and Myers

Journ. Washington Acad. Sci., vol. 39, No. 11, p. 379, 1949.

HOLOTYPE: 119577, ♂, Torakina, Bougainville Island, Solomon Islands, W. L. Necker, July 12, 1944.

PARATYPES (6): 119586–8, Torakina, Bougainville Island, Solomon Islands, W. L. Necker, Aug. 24, 1944. 119787–9, Torakina, Bougainville Island, Solomon Islands, W. L. Necker, Sept. 3, 1944.

Borborocoetes stejnegeri Noble

Proc. Biol. Soc. Washington, vol. 37, p. 68, 1924.

=*Craspedoglossa stejnegeri* (Noble)

HOLOTYPE: 52608, ♂, Organ Mountains, Brazil, 1,500 m., J. N. Rose, Aug. 12, 1915.

Bufo aduncus Cope

Proc. U.S. Nat. Mus., vol. 11, p. 317, 1889.

=*Bufo woodhousei woodhousei* Girard

HOLOTYPE: 14100, probably from Gainesville, Cook County, Texas, G. H. Ragsdale, Apr. 9, 1885.

Bufo alvarius Girard

in Baird, Reptiles of the boundary, *in* Report U.S. and Mexican Bound. Surv., vol. 2, pt. 2, p. 26, pl. 41, figs. 1–6, 1859.

COTYPE: 2572, Fort Yuma (Imperial County), California, G. H. Thomas, 1855.

Bufo angustipes Taylor and Smith

Proc. U.S. Nat. Mus., vol. 95, p. 553, fig. 59, 1945.

HOLOTYPE: 116513, ♀, La Esperanza, Chiapas, Mexico, Dr. and Mrs. H. M. Smith, Apr. 7, 1940.

Bufo argillaceus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 20, p. 138, 1868.

=*Bufo marmoreus* Wiegmann

COTYPES (2): 27763–4, Colima, Mexico, J. Xantus.

Bufo auritus Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 99, pl. 23, fig. 4, 1876. (Not of Raddi, 1821.)

=*Bufo gabbi* Taylor

COTYPE: 30676, east coast region, Costa Rica (probably Talamanca), W. M. Gabb.

Bufo beldingi Yarrow

Proc. U.S. Nat. Mus., vol. 5, p. 441, 1882.

=*Bufo punctatus* Baird and Girard

COTYPES (10): 12660 (5), 12670 (5), La Paz, Baja California, Mexico, L. Belding, 1882.

Bufo boreas Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 174, 1852.

=*Bufo boreas boreas* Baird and Girard

COTYPES (4): 15467–70, all ♂, Columbia River, Puget Sound (Washington), C. J. Pickering, May 1841.

Bufo boreas nelsoni Stejneger

North Amer. Fauna, No. 7, p. 220, pl. 3, figs. 4a–b, 1893.

HOLOTYPE: 18742, Oasis Valley, Nevada, F. Stephens, Mar. 16, 1891.

PARATYPES (8): 18738–41, same data. 18744–5, Resting Springs, Inyo County, California, A. K. Fisher, Feb. 7, 1891. 18746, Morans, Owens Valley, Inyo County, California, F. Stephens, July 4, 1891. 18747, Lone Pine, Owens Valley, Inyo County, California, E. W. Nelson, June 18, 1891. 18743 was exchanged to MCZ in 1928.

Bufo canaliferus Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 85, 1877.

COTYPES (10): 30315–24, western Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Bufo coccifer Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18, p. 130, 1866.

HOLOTYPE: 6490, Arriba, Costa Rica, C. N. Riotte.

Bufo columbiensis Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 378, 1853.

=*Bufo boreas boreas* Baird and Girard

COTYPES (7): 4182 (7), Columbia River, Oregon, C. J. Pickering, 1841.

Bufo coniferus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 158, 1862.

HOLOTYPE: 4335, Turbo, New Granada (Colombia), A. Schott.

Bufo copei Yarrow and Henshaw

Report upon the collections of reptiles and batrachians collected during the years of 1875, 1876, and 1877 in California, Arizona, and Nevada, *in* Annual Report [of the Corps of Engineers] upon the U.S. Geogr. Surv. . . . West of the 100th Mer. . . ., Appendix L, p. 207, 1878.

=*Bufo terrestris copei* Yarrow and Henshaw

COTYPES (64): 5388 (17), 35925–71 (formerly 5937), James Bay. Hudson Bay (Canada), C. Drexler, June 1860.

Bufo debilis Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 7. p. 87, 1854.

=*Bufo debilis debilis* Girard

COTYPES (7): 2621 (7), juv., Matamoros, Tamaulipas, Mexico, D. N. Couch.

Bufo dorsalis Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 6 (1852), p. 181, 1853. (Not of Spix, 1824.)

=*Bufo woodhousei woodhousei* Girard, new name for *Bufo dorsalis* Hallowell

HOLOTYPE: 2531, San Francisco Mountains, Arizona (New Mexico in original description), S. W. Woodhouse.

Bufo dunni Barbour

Occ. Pap. Boston Soc. Nat. Hist., vol. 5, p. 192, pl. 13, figs. 1–2, 1926.

PARATYPES (3): 71160, 71552–3 (formerly MCZ 11083, 11085), Mina Carlota near Cumanayagua, Cuba, E. R. Dunn, July 1925.

Bufo exsul Myers

Occ. Pap. Mus. Zool. Univ. Michigan, No. 460, p. 3, pls. 1–3, 1942.

=*Bufo boreas exsul* Myers

PARATYPES (2): 104314–5, Deep Springs, Inyo County, California, G. F. Ferris, G. S. Myers, and I. L. Wiggins, May 1, 1937.

Bufo gabbi Taylor

Univ. Kansas Sci. Bull., vol. 35, p. 619, fig. 6, 1952. (New name for *Bufo auritus* Cope, preoccupied.)

COTYPE: 30676, probably Talamanca, Costa Rica, W. M. Gabb.

Bufo gemmifer Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 490, pl. 53, figs. 3, 3a–b, 1940.

PARATYPE: 135257 (formerly UIMNH 25133), El Limoncito near La Venta, Guerrero, Mexico, E. H. Taylor, June 29, 1939.

Bufo granulosus Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 173, 1852. (Not of Spix, 1824.)

=*Bufo valliceps* Wiegmann

HOLOTYPE: 2595, Texas (original description: "One specimen was collected on the route between Indianola and San Antonio"), J. H. Clark. This specimen was renamed *Bufo nebulifer* by Girard, Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 87, 1854.

Bufo güntheri Cochran

U.S. Nat. Mus. Bull. 177, p. 8, fig. 1, 1941.

HOLOTYPE: 59081, Port-au-Prince, Haiti, C. Bencomo, 1916.

PARATYPES (2): 59082, same data. 75993, Cape Haitien, Haiti, W. M. Mann, 1913.

Bufo haematiticus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 157, 1862.

Cotypes (2): 48448–9, Truandó, New Granada (Colombia), A. Schott. These very young specimens were reentered from 4344, of which the remaining one is the type of *Bufo haematiticus lachrymans* Cope.

Bufo haematiticus lachrymans Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 158, 1862.

=*Bufo haematiticus* Cope

Cotype: 4344, Truandó, New Granada (Colombia), A. Schott.

Bufo halophila Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 301, 1853.

=*Bufo boreas halophilus* Baird and Girard

Cotypes (2): 2589 (2), Benicia, Solano County, California, J. L. LeConte.

Bufo hemiophrys Cope

Proc. Amer. Philos. Soc., vol. 23, p. 515, 1886.

=*Bufo woodhousei hemiophrys* Cope

Cotypes (7): 11927 (7), Pembina, Pembina County, North Dakota (northern boundary of Montana in original description), E. Coues, June–July 1874. One cotype was exchanged to MCZ in 1915.

Bufo houstonensis Sanders

Herpetologica, vol. 9, p. 27, figs. 1–3, 5, 7, 1953.

Paratypes (4): 134433–6, Fairbanks, Harris County, Texas, J. C. Wottring and W. J. Greer, May 18, 1952.

Bufo ictericus mertensi Cochran

Journ. Washington Acad. Sci., vol. 40, p. 238, 1950.

Holotype: 105244, Itá, Nova Teutonia, Santa Catarina, Brazil, F. Plaumann, 1938.

Paratypes (72): 98777–8, São Bento, Santa Catarina, Brazil, B. Behr, 1935. 103842, 103844–50, 103852–906, 105245–51, Itá, Nova Teutonia, Santa Catarina, Brazil, F. Plaumann, 1937–38. 103843 was exchanged to SNG in 1951; 103851 to CNHM, 1953.

Bufo inca Stejneger

Proc. U.S. Nat. Mus., vol. 45, p. 541, 1913.

Holotype: 49557, Huadquiñia, Peru, 5,000 ft., Yale-Peruvian Expedition, August 1911.

Bufo insidior Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 88, 1854.

=*Bufo debilis insidior* Girard

Cotypes (2): 2622 (2), Chihuahua, Mexico, T. H. Webb.

Bufo kelloggi Taylor

Univ. Kansas Sci. Bull., vol. 24 (1936), p. 510, pl. 45, figs. 1–3, 1938.

=*Bufo debilis kelloggi* Taylor

PARATYPE: 134258 (formerly UIMNH 23461), 2 miles east of Mazatlán, Sinaloa, Mexico, E. H. Taylor, July 24, 1934.

Bufo lamentor Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 11 (1859), p. 169, 1860.

=*Bufo boreas boreas* Baird and Girard

COTYPES (4): 4194 (4), Fort Bridger (Uinta County), Wyoming (Utah Territory in original description), C. Drexler, 1858.

Bufo lentiginosus pachycephalus Cope

U.S. Nat. Mus. Bull. 34, p. 288, 1889.

=*Bufo terrestris terrestris* (Bonnaterre)

COTYPES (2): 14681 (2), Micanopy, Alachua County, Florida, T. H. Bean.

Bufo longinasus Stejneger

Proc. U.S. Nat. Mus., vol. 28, p. 765, figs. 1–6, 1905.

HOLOTYPE: 27419, ♂, El Guamá, Pinar del Rio, Cuba, W. Palmer and J. H. Riley, Mar. 9, 1900.

Bufo lugubrosus Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 424, 1853.

=*Bufo spinulosus* Wiegmann

HOLOTYPE: 16359, Valparaiso, Chile, J. Drayton, January 1839.

Bufo melanochloris Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 85, 1877.

HOLOTYPE: 30592, eastern Costa Rica, W. M. Gabb.

Bufo microscaphus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 301, 1867.

COTYPES (2): 4184, 132901, upper Colorado region, Arizona (restricted to Fort Mohave, Mohave County), H. B. Mollhausen. 4184 is the lectotype.

Bufo minshanicus Stejneger

Journ. Washington Acad. Sci., vol. 16, p. 446, 1926.

HOLOTYPE: 68567, Choni, on Tao River, Kansu, China, F. R. Wulsin, Aug. 24–31, 1923.

PARATYPES (27): 67779, 67781, 67783–6, 67810–2, 68808–10, Songpan, Szechwan, China, D. C. Graham, July 24–29, 1924. 68549–50, 68552–3, 68555, 68557–66, Choni, on Tao River, Kansu, China, F. R. Wulsin, Aug. 24–31, 1923. 67780 and 67782 were exchanged to WCUUM in 1947; 68551 was exchanged to MCZ in 1944; 68554 to ZML, 1927; 68556 to MZUM, 1944.

Bufo monksiae Cope

Proc. Amer. Philos. Soc., vol. 18, p. 263, 1879.

=*Bufo occidentalis* Camerano

HOLOTYPE: 9896, Guanajuato, Mexico, A. Dugès, 1877.

Bufo nayaritensis Taylor

Univ. Kansas Sci. Bull., vol. 29, p. 349, pl. 26, figs. 1–1a, 1943.

=*Bufo mazatlanensis nayaritensis* Taylor

PARATYPE: 134259 (formerly UIMNH 24948), Tepic, Nayarit, Mexico, E. H. Taylor, July 31, 1934.

Bufo nebulifer Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 87, 1854. (New name for *Bufo granulosus* Baird and Girard preoccupied.)

=*Bufo valliceps* Wiegmann

HOLOTYPE: 2595, Texas (original description: "One specimen was collected on the route between Indianola and San Antonio"), J. H. Clark. This specimen is the type of *Bufo granulosus* Baird and Girard (not of Spix, 1824).

Bufo paracnemis Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 213, 1925.

COTYPES (2): 97238–9, ♂, ♀, Belo Horizonte, Minas Gerais, Brazil, A. Lutz, 1923.

Bufo perplexus Taylor

Univ. Kansas Sci. Bull., vol. 29, p. 347, pl. 27, figs. 1–2, 1943.

PARATYPE: 139720 (formerly UIMNH 21705), Tonolapam, Guerrero, Mexico, E. H. Taylor, July 18, 1936.

Bufo pictus Cope

in Yarrow, Report upon the collections of batrachians and reptiles . . . 1871, 1872, 1873, and 1874, *in* Report U.S. Geogr. and Geol. Expl. and Surv. West of One Hundr. Mer., vol. 5, p. 522, pl. 25, figs. 4–5, 1875.

=*Bufo boreas boreas* Baird and Girard

COTYPES (4): 8655, 25332–4, Utah, H. C. Yarrow, 1872.

Bufo politus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 158, 1862.

HOLOTYPE: 5600, Greytown, Nicaragua, H. C. Caldwell.

Bufo punctatus Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 173, 1852.

Cotypes (3): 2618 (3), Rio San Pedro of the Rio Grande (Devils River, Val Verde County), Texas, J. H. Clark under Col. J. D. Graham.

Bufo pygmaeus Myers and Carvalho

Zoologica, New York, vol. 37, p. 1, 1952.

Paratypes (2): 132356–7, São João da Barra, Rio de Janeiro, Brazil, A. L. de Carvalho and L. de Castro Faria, December 1948.

Bufo rubescens Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 214, 1925.

=*Bufo rufus* Garman

Cotypes (2): 97236–7, ♀, ♀, Belo Horizonte, Minas Gerais, Brazil, A. Lutz, May 1925.

Bufo smithi Stejneger

U.S. Nat. Mus. Bull. 58, p. 64, 1907.

Holotype: 31951, ♂, Kochi, Province of Toza, Shikoku, Japan, Hugh M. Smith, May 11, 1903.

Paratypes (8): 31851, ♂, Suzaki, Toza, Shikoku, Japan, Hugh M. Smith, May 8, 1903. 31929, 31943, 31945–49, Kochi, Toza, Shikoku, Japan, Hugh M. Smith, May 11, 1903. 31950 was exchanged to MZUM in 1944; 31942 and 31944 were exchanged to MCZ in 1919 and 1944.

Bufo speciosus Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 86, 1854.

=*Bufo compactilis speciosus* Girard

Cotypes (4): 2608, Ringgold Barracks (Rio Grande City, Star County), Texas, A. Schott. 2610, Brownsville, Cameron County, Texas, S. Van Vliet. 2611, 131559, Pesquiería Grande, Nuevo León, Mexico, D. N. Couch, April 1853.

Bufo tacanensis Smith

Copeia, No. 3, p. 176, pl. 1, 1952.

Paratype: 139721 (formerly UIMNH 24874), Volcán de Tacaná, above Cacahuatán, Chiapas, Mexico, C. J. and M. Goodnight, August 1950.

Bufo terrestris charlesmithi Bragg

Wasmann Journ. Biol., vol. 12, p. 245, figs. 1–4, 1954.

Paratype: 134260, 1.8 miles south and 7 miles east of Norman, Cleveland County, Oklahoma, A. N. Bragg, May 9, 1939.

Bufo woodhousii Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 86, 1854. (New name for *Bufo dorsalis* Hallowell, preoccupied.)

=*Bufo woodhousii woodhousii* Girard

HOLOTYPE: 2531, San Francisco Mountains, Arizona, S. W. Woodhouse.

PARATYPES? (2): 4184 (2), Upper Colorado River region, Arizona, H. B. Möllhausen.

Bufo woodhousii velatus Bragg and Sanders

Wassman Journ. Biol., vol. 9, p. 366, pl. 1, figs. 1–4, 1951.

HOLOTYPE: 131869, ♂, Elkhart, Anderson County, Texas, O. Sanders and R. M. Sanders, Mar. 8, 1951.

PARATYPES (8): 131870–7, same data.

Centrolenella viridissima Taylor

Univ. Kansas Sci. Bull., vol. 28, p. 75, pl. 9, figs. 2–2b, 1942.

PARATYPE: 137198, Agua del Obispo, Guerrero, Mexico, E. H. Taylor, Aug. 27, 1941.

Cerathyla panamensis Stejneger

Proc. Biol. Soc. Washington, vol. 30, p. 31, 1917.

HOLOTYPE: 55320, ♀, Signal Loma, north coast 3 miles south of San Isabel, Panama, C. G. Holland, May 20, 1915.

PARATYPE: 55321, juv., same data.

Ceratophrys fusceiventris Lutz

Compt. Rend. Soc. Biol. Paris, vol. 95, p. 1012, 1926.

=*Zachaenus parvulus* Girard

COTYPE: 96313, Tijuca, Rio de Janeiro, Brazil, J. Venancio, Jan. 10, 1926.

Cochranella albotunica Taylor and Cochran

Univ. Kansas Sci. Bull., vol. 35, p. 1648, 1953.

HOLOTYPE: 96559, Serra da Bocaina, boundary of São Paulo and Rio de Janeiro, Brazil, A. Lutz, Jan. 2–19, 1930.

PARATYPES (2): 96557, same data. 96723, Bonito, Serra da Bocaina, boundary of São Paulo and Rio de Janeiro, Brazil, A. Lutz, March 1934.

Cochranella delicatissima Taylor and Cochran

Univ. Kansas Sci. Bull., vol. 35, p. 1640, 1953.

HOLOTYPE: 96481, Angra dos Reis, Rio de Janeiro, Brazil, A. Lutz.

Cochranella divaricans Taylor and Cochran

Univ. Kansas Sci. Bull., vol. 35, p. 1643, 1953.

HOLOTYPE: 96562, ♂, Serra da Bocaina, boundary of São Paulo and Rio de Janeiro, Brazil, A. Lutz, Jan. 2–19, 1930.

Cochranella dubia Taylor and Cochran

Univ. Kansas Sci. Bull., vol. 35, p. 1644, 1953.

HOLOTYPE: 96722, Bonito, Serra de Bocaina, boundary of São Paulo and Rio de Janeiro, Brazil, A. Lutz, December 1930–February 1931.

Cochranella lutzorum Taylor and Cochran

Univ. Kansas Sci. Bull., vol. 35, p. 1638, 1953.

Holotype: 101134, Independencia, Petrópolis, Rio de Janeiro, Brazil, D. M. Cochran, B. Lutz, and J. Venancio, May 1935.

Cochranella petropolitana Taylor and Cochran

Univ. Kansas Sci. Bull., vol. 35, p. 1637, 1953.

Holotype: 101135, Petrópolis, Rio de Janeiro, Brazil, A. and B. Lutz and D. M. Cochran, May 1935.

Cochranella surda Taylor and Cochran

Univ. Kansas Sci. Bull., vol. 35, p. 1630, fig. 1, 1953.

Holotype: 96916, Passa Quatro, Minas Gerais, Brazil, Zikan, November 1920.

Paratype: 96917, same data.

Cornufer worcesteri Stejneger

Proc. U.S. Nat. Mus., vol. 28, p. 345, 1905.

Holotype: 34784, Mount Apo, Mindanao, Philippine Islands, E. A. Mearns.

Corythomantis adspersa Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 213, 1925.

=*Aparasphenodon brunoi* Miranda-Ribeiro

Cotype: 96413, Lagoa de Paquarema, Rio de Janeiro, Brazil, A. Lutz, May 29, 1924.

Cranopsis fastidiosus Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8, p. 96, pl. 23, fig. 1, 1875.

=*Bufo fastidiosus* (Cope)

Lectotype: 32585, Pico Blanco, District of Uren, Costa Rica, 2,500 ft., W. M. Gabb.

Paratypes (3): 32584, 32586–7, same data.

Craspedoglossa sanctae-catharinae Müller

Blatt. Aquar. Terr. Kunde, vol. 33, p. 168, figs. 1–3, 1922.

Paratype: 103186, Rio Novo, Santa Catarina, Brazil, W. Erhardt, November–December 1917.

Crossodactylodes pintoi Cochran

Proc. Biol. Soc. Washington vol. 51, p. 42, 1938.

Paratypes (3): 102607–8, 102611, Macaé, Rio de Janeiro, Brazil, MP. 102609 was exchanged to MCZ in 1944; 102610 to LC, 1944. The type assigned to temporary USNM number 102606 has been returned to DZ.

Crossodactylus dispar Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 138, 1925.

COTYPES (3): 96738–40, Bonito, Serra da Bocaina, boundary of São Paulo and Rio de Janeiro, Brazil, A. Lutz, Jan. 20, 1925.

Cyclorhamphus boulengeri Lutz

Mem. Inst. Oswaldo Cruz, vol. 22, pt. 1, pp. 11, 23, pl. 3, figs. 1–2, 1929.

=*Cycloramphus neglectus* Lutz

COTYPES (3): 97179–81, São Bento, Santa Catarina, Brazil, A. Lutz, 1929.

Cyclorhamphus granulosus Lutz

Mem. Inst. Oswaldo Cruz, vol. 22, pp. 13, 24, pl. 3, figs. 3–4, 1929.

=*Cycloramphus granulosus* Lutz

COTYPE: 96742, Bonito, Serra da Bocaina, boundary of São Paulo and Rio de Janeiro, Brazil, A. Lutz, February 1928.

Cystignathus labialis Cope

Proc. Amer. Philos. Soc., vol. 17 (1877), p. 90, 1878.

=*Leptodactylus labialis* (Cope)

HOLOTYPE: 31302, probably Tehuantepec, Oaxaca, Mexico. F. Sumichrast.

PARATYPES (5): 31300–1, 31303–5, same data.

Cystignathus microtis Cope

Proc. Amer. Philos. Soc., vol. 18, p. 265, 1879.

=*Leptodactylus melanonotus* (Hallowell)

HOLOTYPE: 9906, Guanjuato, Mexico, A. Dugès, 1877.

PARATYPES (2): 9908–9, same data.

Cystignathus perlaevis Cope

Proc. Amer. Philos. Soc., vol. 18, p. 269, 1879.

=*Leptodactylus melanonotus* (Hallowell)

HOLOTYPE: 10041, from a well near Tapana, Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Cystignathus poecilochilus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 156, 1862.

=*Leptodactylus poecilochilus* (Cope)

HOLOTYPE: 4347a, near Turbo, New Granada (Colombia), A. Schott.

Diaglena reticulata Taylor

Univ. Kansas Sci. Bull., vol. 28, p. 60, figs. 1–1c, pl. 5, fig. 1, 1942.

HOLOTYPE: 115500, Cerro Arenal, 30 km. northwest of Tehuantepec, Oaxaca, Mexico, T. MacDougall, Jan. 2, 1940.

Eleutherodactylus abbotti Cochran

Proc. Biol. Soc. Washington, vol. 36, p. 93, 1923.

HOLOTYPE: 65055, Laguna, Samaná Peninsula, Dominican Republic, W. L. Abbott, May 11–15, 1922.

PARATYPES (2): 65056–7, same data.

Eleutherodactylus albipes Barbour and Shreve

Bull. Mus. Comp. Zool., vol. 80, p. 383, 1937.

PARATYPE: 103376, Pico Turquino, Oriente, Cuba, 5,400–6,000 ft., P. J. Darlington, June 1936.

Eleutherodactylus alticola Lynn

Herpetologica, vol. 1, p. 89, pl. 8, figs. 2a–d, 1937.

HOLOTYPE: 102524, Blue Mountain Peak, St. Thomas Parish, Jamaica, W. G. Lynn, July 14, 1936.

PARATYPES (20): 102525, 102527–39, 102541, 102543–45, 102547, Blue Mountain Peak, St. Thomas Parish, Jamaica, W. G. Lynn, July 11–14, 1926. 102548, Sir John Peak, St. Thomas Parish, Jamaica, W. G. Lynn, June 7, 1936. 102540 was exchanged to MZUM in 1944; 102542 to MCZ, 1937; 102526 and 102546 were exchanged to R in 1953.

Eleutherodactylus andrewsi Lynn

Herpetologica. vol. 1, p. 88, pl. 8, figs. 1a–1b, 1937.

HOLOTYPE: 102515, ♂, Chester Vale, St. Andrew Parish, Jamaica, H. N. Lynn, June 21, 1936.

PARATYPES (6): 102516–7, Chester Vale, St. Andrew Parish, Jamaica, W. G. Lynn, July 2, 5, 1936. 102519–20, Clydesdale, St. Andrew Parish, Jamaica, W. G. Lynn, June 13, 20, 1936. 102522, Catherine's Peak, St. Andrew Parish, Jamaica, W. G. Lynn, June 19, 1936. 102523, Morce's Gap, St. Andrew Parish, Jamaica, W. G. Lynn, June 21, 1936. 102518 was exchanged to MCZ in 1937; 102521 to MZUM, 1944.

Eleutherodactylus atkinsi orientalis Barbour and Shreve

Bull. Mus. Comp. Zool., vol. 80, p. 382, pl. 3, fig. 2, 1937.

PARATYPES (2): 139346–7 (formerly MCZ 22073–4), El Yunque de Baracoa. Oriente, Cuba, P. J. Darlington, July 13–14, 1936.

Eleutherodactylus audanti Cochran

Occ. Pap. Boston Soc. Nat. Hist., vol. 8, p. 164, 1934.

PARATYPES (7): 72595–7, Morne Cabaio, Massif de la Selle, Haiti, A. Wetmore, Apr. 10, 1927. 85009, Morne La Selle Range, Haiti, 7,000 ft., S. S. Cook, 1932. 95111–3, Peak La Selle, Haiti, A. Audant.

Eleutherodactylus avocalis Taylor and Smith

Proc. U.S. Nat. Mus., vol. 95, p. 580, 1945.

HOLOTYPE: 116885, ♀, Tres Cruces, near Tehuantepec, Oaxaca, Mexico, Dr. and Mrs. H. M. Smith, March 1940.

PARATYPES (10) : 116876–82, Tres Cruces, near Tehuantepec, Oaxaca, Mexico, H. M. Smith, Jan. 14, 1940. 116886, Tehuantepec, Oaxaca, Mexico, H. M. Smith, March 1940. 116887–8, Cerro Arenal, Oaxaca, Mexico, H. M. Smith, Jan. 19, Jan. 2, 1940. 116883–4 were exchanged to MCZ in 1957.

Eleutherodactylus bakeri Cochran

Proc. Boston Soc. Nat. Hist., vol. 40, p. 369, 1935.

PARATYPES (4) : 95418–21, Mount La Hotte, La Selle Range, Haiti, 5,000–8,000 ft., P. J. Darlington, October 1934.

Eleutherodactylus beebei Cochran

Zoologica, New York, vol. 41, p. 11, text-fig. 1, 1956.

HOLOTYPE: 129526, Kartabo, British Guiana, W. Beebe, June 22, 1924.

Eleutherodactylus binghami Stejneger

Proc. U.S. Nat. Mus., vol. 45, p. 542, 1913.

=*Gastrotheca boliviana* (Steindachner)

HOLOTYPE: 49559, Cuzco, Peru, 11,500 ft., Yale-Peruvian Expedition, July 9, 1911.

PARATYPE: 49560, same data.

Eleutherodactylus casparii Dunn

Occ. Pap. Boston Soc. Nat. Hist., vol. 5, p. 215, 1926.

=*Eleutherodactylus ricordii casparii* Dunn

PARATYPE: 118204 (formerly MCZ 11439), Mina Carlota, near Cumanayagua, Cuba, E. R. Dunn, August 1925.

Eleutherodactylus cavernicola Lynn

Journ. Washington Acad. Sci., vol. 44, p. 400, figs., 1954.

HOLOTYPE: 134239, cave on Portland Ridge, Clarendon, Jamaica, W. G. Lynn, June 28, 1953.

PARATYPES (16) : 135242–57, cave on Portland Ridge, Clarendon, Jamaica, W. G. Lynn, Oct. 24, 1952–July 28, 1953. 135240–1 were exchanged to MCZ in 1957.

Eleutherodactylus conspicuus Taylor and Smith

Proc. U.S. Nat. Mus., vol. 95, p. 567, fig. 60a, 1945.

HOLOTYPE: 116509, ♀, Piedras Negras, Petén, Guatemala, Dr. and Mrs. H. M. Smith, May 29, 1939.

PARATYPES (5) : 116506–8, 116510–11, Piedras Negras, Petén, Guatemala, H. M. Smith, May 24–June 10, 1939.

Eleutherodactylus cubanus Barbour

Copeia No. 3, p. 179, 1942. (New name for *Eleutherodactylus parvus* Barbour and Shreve, 1937, not of Girard, 1853.)

PARATYPES (2) : 139344–5 (formerly MCZ 21657–8), Pico Turquino, Oriente, Cuba, 1,500–4,000 ft., P. J. Darlington, June 1936.

Eleutherodactylus cunctator Dunn

Proc. U.S. Nat. Mus., vol. 74, No. 2770, p. 2, 1928.

=*Eleutherodactylus orcutti* Dunn

HOLOTYPE: 73865, ♀, Arntully, St. Thomas Parish, Jamaica, C. R. Orcutt, August 1927.

Eleutherodactylus darlingtoni Cochran

Proc. Boston Soc. Nat. Hist., vol. 40, p. 368, 1935.

PARATYPE: 95422, La Visite, La Selle Range, Haiti, 5,000–7,000 ft., P. J. Darlington, Sept. 16–23, 1923.

Eleutherodactylus dorsoconcolor Taylor

Univ. Kansas Sci. Bull., vol. 27, p. 152, pl. 10, 1941.

HOLOTYPE: 110619, ♀, Tequeyutepec, Veracruz, Mexico, H. M. Smith, Mar. 23, 1940.

PARATYPES (3): 110615, 110617–8, same data. 110616 was exchanged to MCZ in 1944.

Eleutherodactylus eileenae Dunn

Occ. Pap. Boston Soc. Nat. Hist., vol. 5, p. 212, 1926.

PARATYPE: 27862, San Diego de los Baños, Cuba, W. Palmer and J. H. Riley, Apr. 16, 1900.

Eleutherodactylus footei Stejneger

Proc. U.S. Nat. Mus., vol. 45, p. 543, 1913.

HOLOTYPE: 49562, Tincochchaca (probably Tinccochaca), Peru, 7,000 ft., Yale-Peruvian Expedition, Aug. 8, 1911.

PARATYPES (2): 49561, 49563, juv., Cuzco, Peru, 11,500 ft., Yale-Peruvian Expedition, July 9, 1911.

Eleutherodactylus fuscus Lynn

Copeia, No. 4, p. 235, fig. 1, 1943.

HOLOTYPE: 115976, ♂, Bush Mountain at base of Dolphin Head, Westmoreland Parish, Jamaica, W. G. Lynn, Aug. 12, 1941.

PARATYPES (2): 115977, ♂, same data. 115978, ♂, Quickstep, St. Elizabeth Parish, Jamaica, W. G. Lynn, Aug. 9, 1941.

Eleutherodactylus goldmani Noble

Proc. Biol. Soc. Washington, vol. 37, p. 67, 1924.

=*Eleutherodactylus gollmeri* (Peters)

HOLOTYPE: 54033, ♂, Cerro Brujo, Panama, E. A. Goldman, June 7, 1911.

PARATYPE: 54034, juv., same data.

Eleutherodactylus gossei Dunn

Proc. Boston Soc. Nat. Hist., vol. 38, p. 118, 1926.

PARATYPES (2): 118212–3 (formerly MCZ 10169), Balaclava, St. Elizabeth, Jamaica, 700 ft., A. E. Wright, Apr. 29, 1909.

Eleutherodactylus grabhami Dunn

Proc. Boston Soc. Nat. Hist., vol. 38, p. 121, 1926.

PARATYPE: 30700, Pratville District, Clarendon, Jamaica, C. B. Taylor, March 1902.

Eleutherodactylus greyi Dunn

Occ. Pap. Boston Soc. Nat. Hist., vol. 5, p. 213, 1926.

PARATYPES (2): 118205–6 (formerly MCZ 11510), Mina Carlota, near Cumanayagua, Cuba, E. R. Dunn, July 1925.

Eleutherodactylus intermedius Barbour and Shreve

Bull. Mus. Comp. Zool., vol. 80, p. 384, pl. 4, figs. 3–4, 1937.

PARATYPES (2): 139342–3 (formerly MCZ 21974), near Cueva del Aura, Pico Turquino, Oriente, Cuba, 1,500–4,000 ft., P. J. Darlington, June 1936.

Eleutherodactylus intermedius Cochran

U.S. Nat. Mus. Bull. 177, p. 70, fig. 22, 1941.

=*Eleutherodactylus haitianus* Barbour and Shreve, new name for *Eleutherodactylus intermedius* Cochran, preoccupied

HOLOTYPE: 107566, ♂, Loma Rucilla, Dominican Republic, 8,000–10,000 ft., P. J. Darlington, June 1938.

PARATYPES (17): 107567, 107569–74, Loma Rucilla, Dominican Republic, P. J. Darlington, June 1938. 107575–6, Loma Vieja, Dominican Republic, 6,000 ft., P. J. Darlington, August 1938. 107578–85, Valle Nuevo, southeast of Constanza, Dominican Republic, 6,000–8,000 ft., P. J. Darlington, August 1938. 107568 and 107577 were exchanged to MZUM in 1943.

Eleutherodactylus jugans Cochran

Journ. Washington Acad. Sci., vol. 27, p. 312, 1937. (New name for *Leptodactylus darlingtoni* Cochran, preoccupied.)

PARATYPES (8): 95423–7, La Visite, La Selle Range, Haiti, P. J. Darlington, Sept. 16–23, 1934. 95428–30, from Mount La Hotte, La Selle Range, Haiti, P. J. Darlington, October 1934, were described by Shreve as *Eleutherodactylus ventrilineatus*, in Proc. New England Zool. Club, vol. 15, p. 98, 1936.

Eleutherodactylus junori Dunn

Proc. Boston Soc. Nat. Hist., vol. 38, p. 120, 1926.

PARATYPE: 118214 (formerly MCZ 11351), Spaldings, Clarendon Parish, Jamaica, 2,900 ft., P. Junor, August 1925.

Eleutherodactylus karlschmidti Grant

Copeia, No. 2, p. 55, 1931.

PARATYPES (2): 118647–8 (formerly MCZ 73432), 10 km. south of Canóvanas, Puerto Rico, C. Grant, Mar. 21, 1931.

Eleutherodactylus lewisi Lynn and Dent

Herpetologica, vol. 2, p. 72, 1942.

=*Eleutherodactylus luteolus* (Gosse)

HOLOTYPE: 115435, ♀, near Bush Mountain at base of Dolphin Head, Westmoreland Parish, Jamaica, W. G. Lynn, Aug. 12, 1941.

PARATYPES (5): 115436–9, 115442, same data. 115440 was exchanged to MZUM in 1944; 115441 to MCZ, 1944.

Eleutherodactylus lymani Barbour and Noble

Bull. Mus. Comp. Zool., vol. 63, p. 403, 1920.

PARATYPE: 118189 (formerly MCZ 5432), Bellavista, Peru, G. K. Noble, Sept. 23–26, 1916.

Eleutherodactylus lynni Goin and Cooper

Occ. Pap. Mus. Inst. Jamaica, No. 4, p. 4, 1 pl., 1950.

HOLOTYPE: 127976, ♀, Sweetwater, near Horse Guards Road, Saint James Parish, Jamaica, C. J. Goin, July 5, 1948.

PARATYPE: 117735, John's Hall, Saint James Parish, Jamaica, W. G. Lynn, Aug. 11, 1941.

Eleutherodactylus matudai Taylor

Univ. Kansas Sci. Bull., vol. 27, p. 154, pl. 11, 1941.

HOLOTYPE: 110626, ♀, Mount Ovando, Chiapas, Mexico, H. M. Smith, Apr. 16, 1940.

PARATYPES (9): 110620–3, 110625, 110627–30, same data. 110624 was exchanged to MCZ in 1944.

Eleutherodactylus megalops Ruthven

Occ. Pap. Mus. Zool. Univ. Michigan, No. 39, p. 3, pl. 1, figs. 1–2, 1917.

PARATYPE: 64026, (formerly MZUM 48548), San Lorenzo, Santa Marta Mountains, Colombia, A. G. Ruthven, July 7, 1913.

Eleutherodactylus milesi Schmidt

Field Mus. Nat. Hist., Zool. Ser., vol. 20, p. 18, 1933.

PARATYPE: 118202 (formerly MCZ 17436), mountains west of San Pedro, Honduras, K. P. Schmidt, Mar. 31, 1923.

Eleutherodactylus nubicola Dunn

Proc. Boston Soc. Nat. Hist., vol. 38, p. 116, 1926.

PARATYPE: 118236 (formerly MCZ 9227), Bocas del Toro, Gutiérrez, Panama, E. R. Dunn and C. B. Duryea, 1923.

Eleutherodactylus orcutti Dunn

Proc. U.S. Nat. Mus., vol. 74, No. 2767, p. 1, 1928.

Holotype: 73866, ♀, Arntully, Saint Thomas Parish, Jamaica, C. R. Orcutt, August 1927.

Paratypes (3): 73867–9, same data. 73870 was exchanged to MCZ in 1944.

Eleutherodactylus pantoni Dunn

Proc. Boston Soc. Nat. Hist., vol. 38, p. 119, 1926.

Paratypes (3): 35861–2, Holly Mount, Mount Diablo, Jamaica, W. Harris, Aug. 18, 1905. 30699, Mandeville, Manchester, Jamaica, C. B. Taylor, May 1902.

Eleutherodactylus pinarensis Dunn

Occ.Pap. Boston Soc. Nat. Hist., vol. 5, p. 213, 1926.

Paratypes (19): 26651–2, 27860–1, San Diego de los Baños, Cuba, W. Palmer and J. H. Riley, Apr. 14–16, 1900. 27417–8, El Guamá, Pinar del Río, Cuba, W. Palmer and J. H. Riley, Mar. 8, 1900. 27635–7, Guanajay, Cuba, W. Palmer and J. H. Riley, June 11, 1900. 57862–3, Havana, Cuba, J. Hurter, Jan. 18, 1914, 59329–35, 59348, San Diego de los Banos, Cuba, W. Palmer, Jan. 31–Feb. 1, 1917. 26741 was exchanged to MZUM in 1944; 54399 to R, 1953.

Eleutherodactylus poolei Cochran

Proc. Biol. Soc. Washington, vol. 51, p. 93, 1938.

Holotype: 73999, Citadel of King Christophe, Haiti, A. J. Poole, Feb. 14, 1928.

Paratypes (4): 74000–1 74004–5, same data. 74002 was exchanged to MCZ in 1944; 74003 to MZUM, 1943.

Eleutherodactylus richmondi Stejneger

Report of the U.S. National Museum . . . for the year ending June 30, 1902, p. 593, figs. 25–29, 1904.

Holotype: 26884, Catalina plantation, Puerto Rico, 890 ft., L. Stejneger, Feb. 22, 1900.

Paratypes (7): 26956–62, Camp El Yunque, Puerto Rico, 2,863 ft., L. Stejneger, Feb. 24–26, 1900.

Eleutherodactylus ricordii rogersi Goin

Amer. Mus. Novit., No. 1708, p. 1, fig. 1, 1955.

Paratypes (4): 66250–3, Watling Island (Bahama Islands), H. and P. Bartsch, Aug. 26, 1923.

Eleutherodactylus saltator Taylor

Proc. Biol. Soc. Washington, vol. 54, p. 89, 1941.

Paratype: 134261 (formerly UIMNH 21440), Omilteme, Guerrero, Mexico, E. H. Taylor, Aug. 2–4, 1940.

Eleutherodactylus schmidti limbensis Lynn

Herpetologica, vol. 14, p. 157, 1958.

HOLOTYPE: 140166, 3 miles southwest of Limbé, Haiti, W. G. Lynn, Apr. 15, 1953.

PARATYPES (36): 140167–202, same data.

Eleutherodactylus schmidti rucillensis Cochran

Proc. New England Zool. Club, vol. 18, p. 3, 1939.

PARATYPE: 107565, Loma Rucilla, Dominican Republic, 4,000–7,000 ft., P. J. Darlington, June 1938.

Eleutherodactylus spatulatus Smith

Proc. Biol. Soc. Washington, vol. 52, p. 187, pl. 2, figs. 4–5, 1939.

HOLOTYPE: 116026, ♀, Cuautlapan, Veracruz, Mexico, H. M. Smith, Jan. 5, 1939.

PARATYPES (6): 116027–32, Cuautlapan, Veracruz, Mexico, H. M. Smith, Jan. 5, 1939 (116027–8), Jan. 16, 1939 (116029–32).

Eleutherodactylus talamancae Dunn

Occ. Pap. Boston Soc. Nat. Hist., vol. 5, p. 385, 1931.

PARATYPE: 73222 (formerly MCZ 9784), Suretka, Costa Rica, E. R. Dunn, 1922.

Eleutherodactylus thomasi trinidadensis Schwartz

Amer. Mus. Novit., No. 1926, p. 11, fig. 2, 1959.

PARATYPES (60): 137985–90, 10 miles west of Trinidad, Las Villas Province, Cuba, J. D. Hardy, Sept. 5–10, 1956.

Eleutherodactylus turquinensis Barbour and Shreve

Bull. Mus. Comp. Zool., vol. 80, p. 380, 1937.

PARATYPE: 103377, Pico Turquino, near Cueva del Aura, Oriente, Cuba, 1,500–4,000 ft., P. J. Darlington, June 1936.

Eleutherodactylus unicolor Stejneger

Report of the U.S. National Museum . . . for the year ending June 30, 1902, p. 597, figs. 35–39, 1904.

HOLOTYPE: 26963, camp at El Yunque Mountain, Puerto Rico, 2,978 ft., L. Stejneger, Feb. 26, 1900.

Eleutherodactylus vocalis Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 401, pl. 44, text-fig. 8, 1940.

PARATYPE: 137199, Hacienda El Sabino, Uruapan, Michoacán, Mexico, E. H. Taylor and H. M. Smith, July 25, 1936.

Eleutherodactylus vulcani Shannon and Werler

Trans. Kansas Acad. Sci., vol. 58, p. 379, pl. 3, fig. 2, text-fig. 5, 1955.

PARATYPE: 137200, Volcán San Martín, lower slope, Veracruz, Mexico, 3,000–4,000 ft., J. E. Werler, Feb. 4–19, 1953.

Eleutherodactylus wetmorei Cochran

Proc. Biol. Soc. Washington, vol. 45, p. 191, 1932.

HOLOTYPE: 72617, Fonds-des-Nègres, Haiti, B. H. Swales and A. Wetmore, Apr. 5, 1927.

PARATYPES (11): 72618–19, same data. 60627–35, Moron, Haiti, W. L. Abbott, Dec. 20 and Dec. 24, 1917. 72620 was exchanged to MZUM in 1943; 60650–1 were exchanged to MCZ, 1957.

Elosia vomerina Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 423, 1853.

=*Crossodactylus gaudichaudii* Duméril and Bibron

COTYPES (2): 15481–2, Rio de Janeiro, Brazil, U.S. Exploring Expedition, 1837–38.

Engystoma areolata Strecker

Proc. Biol. Soc. Washington, vol. 22, p. 118, 1909.

=*Microhyla olivacea* Hallowell

HOLOTYPE: 38999, Guadaloupe River bottom, Victoria County, Texas, J. D. Mitchell, January 1909.

PROBABLE PARATYPES (7): 42317–23, 8 miles below Victoria, Victoria County, Texas, J. D. Mitchell, January 1909. 42316 was exchanged to MCZ in 1928.

Engystoma pictiventre Cope

Proc. Amer. Philos. Soc., vol. 23, p. 272, 1886.

=*Microhyla pictiventris* (Cope)

HOLOTYPE: 14196, Nicaragua, J. F. Bransford, Aug. 7, 1885.

Engystoma texense Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 11 (1859), p. 169, 1860.

=*Microhyla olivacea* (Hallowell)

COTYPES (2): 2644 (2), Rio Seco, Medina County, Texas, J. Pope.

Engystoma ustum Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18, p. 131, 1866.

=*Microhyla usta usta* (Cope)

HOLOTYPE: 24965, Guadalajara, Jalisco, Mexico, J. J. Major.

Engystoma variolosum Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18, p. 131, 1866.

=*Hypopachus variolosus* (Cope)

HOLOTYPE: 6486, Arriba, Costa Rica, C. N. Riotte.

Eupemphix bolbodactyla Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 138, 1925.

=*Basanitia bolbobactyla* (Lutz)

Cotypes (2) : 96542–3, Angra dos Reis, Rio de Janeiro, Brazil, A. Pugas, January 1925.

Eupemphix maculiventris Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 138, 1925.

=*Physalaemus signiferus* (Girard)

Cotypes (6) : 96837–9, Alto da Serra, São Paulo, Brazil, A. Lutz, Feb. 12, 1923. 96840, 96842–3, Alto da Serra, São, Paulo, Brazil, A. Lutz. 96841 was exchanged to LC in 1944; 96844 to MZUM, 1944.

Eupemphix olfersioides Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 138, 1925.

=*Phyllobates brunneus* (Cope)

Cotypes (3) : 96412, Niterói, Rio de Janeiro, Brazil, A. Lutz, 1923. 96539–40, Angra dos Reis, Rio de Janeiro, Brazil, A. Pugas, April 1924.

Eupemphix ruthveni Netting

Ann. Carnegie Mus., vol. 19, p. 167, pl. 7, fig. 1, 1930.

Paratype: 118717 (formerly MZUM 45579), Fundación, Colombia, A. G. Ruthven, Aug. 13, 1913.

Gastrotheca coronata Stejneger

Proc. U.S. Nat. Mus., vol. 41, p. 287, 1911.

=*Anotheca coronata* (Stejneger)

Holotype: 48279, ♂, Palomo, Valle de Orosi, Cartago, Costa Rica, 1,200 m., C. Picado, Apr. 19, 1911.

Gastrotheca monticola Barbour and Noble

Bull. Mus. Comp. Zool., vol. 63, p. 426, pl. 2, figs. 1–2, 1920.

Paratype: 118241 (formerly MCZ 5331), Querocotilla, Peru, G. K. Noble, October 1916.

Halophila heros Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 423, 1853.

=*Cornufer heros* (Girard)

Holotype: 14539, Sebukea (Levuka in Wilkes' narrative), Fiji Islands, U.S. Exploring Expedition, 1840.

Halophila vitiensis Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 423, 1853.

=*Cornufer vitiensis* (Girard)

Cotypes (2) : 15475–6, Sebukea (Levuka in Wilkes' narrative), Fiji Islands, U.S. Exploring Expedition, 1840.

Helocaetes clarkii Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 60, 1854.

=*Pseudacris clarkii* (Baird)

COTYPE: 3313, Galveston, Galveston County, Texas, M. Dean.

Helocaetes feriarum Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 60, 1854.

=*Pseudacris nigrita feriarum* (Baird)

COTYPES (12): 3592 (12), Carlisle, Cumberland County, Pennsylvania, S. F. Baird. One cotype was exchanged to MZUM.

Hyla acuminata Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 354, 1862.

COTYPES (2): 5843 and 102700, Paraguay, T. J. Page.

Hyla affinis Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 61, 1854. (Not of Spix, 1824.)

=*Hyla arenicolor* Cope

COTYPES (5): 11410 (5, formerly 3261), northern Sonora (Mexico), J. H. Clark. These specimens were renamed *Hyla arenicolor* by Cope, Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 6, p. 84, 1866, to replace *Hyla affinis* Baird, preoccupied by Spix, 1824.

Hyla albofrenata Lutz

Compt. Rend. Soc. Biol. Paris, vol. 90, p. 241, 1924.

COTYPES (22): 96228–34, Tijuca, Rio de Janeiro, Brazil, A. Lutz, November 1920. 96235–6, Tijuca, Rio de Janeiro, Brazil, A. Lutz, December 1922. 96320–2, Tijuca, Rio de Janeiro, Brazil, A. Lutz, December 1923. 96319, Sumaré, Rio de Janeiro, Brazil, A. Lutz, October 1923. 96339–45, Corcovado, Rio de Janeiro, Brazil, A. Lutz, Nov. 13, 1923. 96347, Sumaré and Corcovado, Rio de Janeiro, Brazil, A. Lutz, November 1923. 96478, Angra dos Reis, Rio de Janeiro, Brazil, A. Pugas, Apr. 26, 1924. 97348 was exchanged to MCZ in 1944.

Hyla albosignata Lutz and Lutz

Ann. Acad. Brasileira Sci., vol. 10, p. 185, figs. 6–7a, 1938.

PARATYPES (3): 96644, Bonito, Serra da Bocaina, boundary of São Paulo and Rio de Janeiro, Brazil, A. Lutz, Dec. 15–31, 1931. 96781–2, Serra da Cubatão, São Paulo, Brazil, A. Lutz, Jan. 25, 1924.

Hyla anceps Lutz

Compt. Rend. Soc, Biol. Paris, vol. 101, p. 943, 1929.

COTYPES (2): 96441–2, Estrêlla, Rio de Janeiro, Brazil, A. Lutz, Mar. 1, 1929.

Hyla andersonii Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 60, 1854.

HOLOTYPE: 3600, Anderson, Anderson County, South Carolina, C. Paine.

Hyla angustilineata Taylor

Univ. Kansas Sci. Bull., vol. 35, p. 850, fig. 54, 1952.

HOLOTYPE: 75060, La Palma, Costa Rica, M. Valerio, Apr. 4, 1928.

PARATYPES (2) : 75061, 75065, same data.

Hyla arboricola Taylor

Univ. Kansas Sci. Bull., vol. 27, p. 118, pl. 5, fig. 1, 1941.

PARATYPE: 134262 (formerly UIMNH 27021), Omilteme, Guerrero, Mexico, E. H. Taylor, Aug. 4–6, 1940.

Hyla arenicolor Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 6, p. 84, 1866.

HOLOTYPE: 11410 (originally 3261), northern Sonora, Mexico, J. H. Clark.

PARATYPES (4) : 11410b–e, same data. These specimens were originally named as cotypes of *Hyla affinis* by Baird in Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 61, 1854.

Hyla aurantiaca surda Cochran

Herpetologica, vol. 8, p. 112, figs. E–F, 1953.

PARATYPE: 132912 (formerly MZUM 104116A), Curitiba, Paraná, Brazil, J. R. Bailey, 1941.

Hyla avivoca Viosca

Proc. Biol. Soc. Washington, vol. 41, p. 89, 1928.

HOLOTYPE: 75017, ♂, Mandeville, Saint Tammany Parish, Louisiana, P. Viosca, Jr., June 12, 1926. Ten specimens, 75018–27, from the same locality and received here with the type, may be considered as paratypes, although they were not so listed.

Hyla bipunctata branneri Cochran

Journ. Washington Acad. Sci., vol. 38, p. 316, 1948.

HOLOTYPE: 48861, Bonito, Pernambuco, Brazil, J. C. Branner.

PARATYPES (5) : 48862–4, 125719–20, ♂, ♂ (formerly MCZ 2827), same data.

Hyla bistincta Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 87, 1877.

=*Hyla bistincta bistincta* Cope

HOLOTYPE: 32261, probably Veracruz, Mexico, F. Sumichrast.

Hyla bistincta labeculata Shannon

Proc. U.S. Nat. Mus., vol. 101, p. 470, figs. 92, 93d, 1951.

Holotype: 123689, San Lucas Camotlán, Oaxaca, Mexico, W. S. Miller, Apr. 29, 1946.

Paratype: 123690, tadpole, same data.

Hyla cadaverina Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 6, p. 84, 1866. (New name for *Hyla nebulosa* Hallowell (not of Spix).)

=*Hyla regilla* Baird and Girard

Cotype?: 3230, Tejon Pass (Los Angeles County), California, A. L. Heermann. This specimen is also the type of *Hyla nebulosa* Hallowell, Proc. Acad. Nat. Sci., Philadelphia, vol. 7, p. 96, 1854.

Hyla cárdenasi Taylor

Univ. Kansas Sci. Bull., vol. 25 (1938), p. 430, pl. 47, fig. 2, 1939.

Holotype: 84403, Puebla, Puebla, Mexico, H. Ruano, September 1919.

Hyla ceratophrys Stejneger

Proc. U.S. Nat. Mus., vol. 41, p. 286, 1911.

Holotype: 47705, Upper Pequiní River, Panama, A. H. Jennings, Mar. 29, 1909.

Hyla colymba Dunn

Occ. Pap. Boston Soc. Nat. Hist., vol. 5, p. 400, 1931.

Paratypes (3): 118244, 1 juv. and 2 tadpoles, La Loma, Panama, E. R. Dunn, 1923.

Hyla crospedospila Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 211, 1925.

Cotypes (8): 96926–32, 96934, Campo Bello, Itatiaia, Rio de Janeiro, Brazil, A. Lutz, Dec. 18, 1923–Jan. 20, 1924. 96933 was exchanged to LC in 1944.

Hyla culex Dunn and Emlen

Proc. Acad. Nat. Sci. Philadelphia, vol. 84, p. 24, 1932.

=*Hyla staufferi* Cope

Paratype: 20262 (incorrectly given as 20267 in original description), Patuca, Honduras, H. W. Perry, May 14, 1891.

Hyla curta Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 313, 1867.

=*Hyla regilla* Baird and Girard

Cotypes (17): 5293 (17), in a spring at Soria, 15 miles north of Cape San Lucas, Baja California, Mexico, J. Xantus, Aug. 10, 1859. One cotype was exchanged to MCZ in 1914.

Hyla cuspidata Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 211, 1925.

COTYPES (5) : 96139, Manguinhos, Rio de Janeiro, Brazil, A. Lutz, April 1925. 96147–9, Manguinhos, Rio de Janeiro, Brazil, A. Lutz, June 23, 1922. 96370, Rio de Janeiro, Brazil, A. Lutz, January 1923.

Hyla decipiens Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 212, 1925.

COTYPE: 96194, Bom Successo, Rio de Janeiro, Brazil, A. Lutz, Apr. 3, 1925. A young specimen, 96150, from Manguinhos, Rio de Janeiro, Brazil, A. Lutz, is probably also a cotype.

Hyla dendroscarta Taylor

Proc. U.S. Nat. Mus., vol. 89, p. 45, pls. 2–3, 1940.

HOLOTYPE: 108679, Cuautlapan, Veracruz, Mexico, H. M. Smith, Jan 1, 1939.

PARATYPES (10) : 108676–8, 108680–6, same data.

Hyla elaeochroa Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 105, pl. 26, fig. 3, 1876.

LECTOTYPE: 30689, east foot of mountains near Sipurio, Costa Rica, W. M. Gabb.

PARATYPES (2) : 30688,, 30690, same data.

Hyla elongata Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 139, 1925.

COTYPES (8): 96861, 96863, Campo de Aviação, São Paulo, Brazil, B. Lutz, January 1924. 96957–62, Belo Horizonte, Minas Gerais, Brazil, A. Lutz and J. Venancio, November–December 1924. 96862 was exchanged to LC in 1944.

Hyla euthysanota Kellogg

Proc. Biol. Soc. Washington, vol. 41, p. 123, 1928.

HOLOTYPE: 73296, Los Esesmiles, Chalatenango, El Salvador, 6,400 ft., R. A. Stirton, Mar. 6, 1927.

Hyla evelynae Schmidt

Field Mus. Nat. Hist., Zool. Ser., vol. 29, p. 156, fig. 21, 1944.

PARATYPES (2): 101463–4 (formerly FMNH 9560, 9565), 15 miles northeast of San Carlos, Uruguay, K. P. Schmidt, Oct. 21, 1926.

Hyla evittata Miller

Proc. Biol. Soc. Washington, vol. 13, p. 76, 1899.

=*Hyla cinerea evittata* Miller

HOLOTYPE: 26291, ♂, Four Mile Run, Alexandria County (now Arlington County), Virginia, G. S. Miller, Jr., and E. A. Preble, July 15, 1899.

Hyla eximia Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 61, 1854.
=*Hyla eximia eximia* Baird
PROBABLE COTYPES (2): 3248 (2), City of Mexico, Distrito Federal, Mexico, W. Rich, 1853.

Hyla flavoguttata Lutz and Lutz

Ann. Acad. Brasileira Sci., vol. 11, p. 75, 1939.
=*Hyla strigilata flavoguttata* Lutz and Lutz
PARATYPE: 121636, Petrópolis, Rio de Janeiro, Brazil, B. Lutz, July 1, 1938.

Hyla fuscomarginata Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 138, 1925.
COTYPE: 96964, Belo Horizonte, Minas Gerais, Brazil, A. Lutz, 1924.

Hyla fuscovaria Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 212, 1925.
COTYPES (9): 96988, 96992–4, Agua Limpa, near Ouro Preto, Minas Gerais, Brazil, A. Lutz, 1922 (96988), Oct. 22, 1921 (96992–4). 97001–5, Lassance, Minas Gerais, Brazil, A. Lutz, July 14, 1921 (97001), Mar. 6, 1922 (97002–5).

Hyla gabbii Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 103, 1876.
COTYPES (2): 30658–9, Costa Rica (near Sipurio), W. M. Gabb.

Hyla goughi baileyi Cochran

Herpetologica, vol. 8, p. 114, figs. g–h, 1953.
PARATYPES (4): 132913–6 (formerly MZUM 104119c, 104127a and c, and 104131d), 8 km. north of Juquiá, São Paulo, Brazil, J. R. Bailey, Feb. 25–28, 1941.

Hyla gracilipes Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 17, p. 194, 1865.
=*Hyla eximia eximia* Baird
LECTOTYPE: 15321, Mirador, Veracruz, Mexico, C. Sartorius.
PARATYPES (2): 15319–20, same data.

Hyla gratiosa LeConte

Proc. Acad. Nat. Sci. Philadelphia, vol. 8, p. 146, pl. 6, 1856.
COTYPES (6): 5901 (6), Riceboro, Liberty County, Georgia, J. L. LeConte.

Hyla hallowelli Thompson

Herpetological Notices, No. 2, p. 2, June 28, 1912 (privately published, San Francisco, California).

PARATYPE: 64206, Kikaiga, Loo Choo (Ryukyu) Islands, V. Kuhne, Apr. 30, 1910.

Hyla loquax Gaige and Stuart

Occ. Pap. Mus. Zool. Univ. Michigan, No. 281, p. 1, 1934.

PARATYPE: 94100, 2 miles south of Libertad, Petén, Guatemala, L. C. Stuart, Apr. 28, 1933.

Hyla marianae Dunn

Proc. Boston Soc. Nat. Hist., vol. 38, p. 129, pl. 1, fig. 3, pl. 2, fig. 3, 1926.

PARATYPES (2): 35860, 36668, Mount Diablo, Holly Mount, St. Catherine Parish, Jamaica, 2,700 ft., W. Harris, Aug. 18, 1905.

Hyla megapodia Miranda-Ribeiro

O Campo, Rio de Janeiro, p. 67, May 1937.

=*Hyla raniceps* (Cope)

PARATYPE: 102687, Porto Esperidião, Rio Jaurú, Mato Grosso, Brazil, A. de Miranda-Ribeiro, September 1908. A figure without a description of this specimen is given in Miranda-Ribeiro, Arch. Mus. Nac. Rio de Janeiro, vol. 27, pl. 5, fig. 5, 1926.

Hyla melanomma Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 508, pl. 57, figs. 1–1b, 1940.

PARATYPE: 134263 (formerly UIMNH 27011), Chilapa Road, 7 miles east of Chilpancingo, Guerrero, Mexico, H. M. Smith and E. H. Taylor, Aug. 20, 1939.

Hyla microcephala martini Smith

Herpetologica, vol. 7, p. 187, 1951.

PARATYPES (2): 134264–5, Encarnación, Campeche, Mexico, H. M. Smith, Oct. 11–12, 1936.

Hyla microcephala sartori Smith

Herpetologica, vol. 7, p. 186, 1951.

PARATYPE: 134266 (formerly UIMNH 20941), El Limoncita near La Venta, Guerrero, Mexico, E. H. Taylor, July 1, 1938.

Hyla microeximia Maslin

Herpetologica, vol. 13, p. 81, fig. 1, 1957.

HOLOTYPE: 139246 (formerly UCM 8379), ♂, 3 miles northwest of Jacotepec, near Lake Chapala, Jalisco, Mexico, T. P. Maslin, June 20, 1956.

PARATYPE: 139247 (formerly UCM 8399), ♂, same data.

Hyla milleri Shannon

Proc. U.S. Nat. Mus., vol. 101, p. 473, figs. 33a–c, 1951.

HOLOTYPE: 123700, ♂, San Lucas Camotlán, Oaxaca, Mexico, W. S. Miller, May 7, 1946.

PARATYPE: 123699, ♂, same data.

Hyla multilineata Lutz and Lutz

Ann. Acad. Brasileira Sci., vol. 11, p. 72, 1939.

=*Hyla bischoffi multilineata* Lutz and Lutz

PARATYPES (11): 96784–94, Alto da Serra, Serra de Cubatão, São Paulo, Brazil, A. Lutz, Feb. 27, 1922 (96784), February 1923 (96785–94).

Hyla muricolor Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 359, 1862.

=*Smilisca baudinii baudinii* (Duméril and Bibron)

HOLOTYPE?: 25097 (probably 4818), Mirador, Veracruz, Mexico, C. Sartorius.

PARATYPE?: 25098, same data.

Hyla nasica Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 354, 1862.

COTYPES (2): 5835, 32371, Paraguay, T. J. Page.

Hyla nebulosa Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 96, 1854. (Not of Spix, 1824.)

=*Hyla regilla* Baird and Girard

COTYPE?: 3230, Tejon Pass (Los Angeles County), California, A. L. Heermann. This specimen is also the type of *Hyla cadaverina* Cope, Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 6, p. 84, 1866.

Hyla nigripes Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 104, pl. 23, fig. 7, 1876.

COTYPES (2): 30685–6, Pico Blanco, Costa Rica, 5,000–7,000 ft., W. M. Gabb.

Hyla (Sphoenohyla) orophila Lutz and Lutz

Ann. Acad. Brasileira Sci., vol. 10, p. 178, 1938.

=*Hyla aurantiaca orophila* Lutz and Lutz

PARATYPES (5): 96692–6, Bonito, Serra da Bocaina, boundary of São Paulo and Rio de Janeiro, Brazil, A. Lutz, Jan. 16–30, 1925.

Hyla pachyderma Taylor

Univ. Kansas Sci. Bull., vol. 28, p. 308, pl. 27, figs. 1–3, 1942.

HOLOTYPE: 115029, Pan de Olla, Veracruz, Mexico, H. M. Smith, Mar. 22, 1940.

PARATYPES (3) : 115026–8, same data.

Hyla pallens Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 212, 1925.

=*Hyla minuta* Peters

COTYPES (3) : 96197–9, Bom Successo, Rio de Janeiro, A. Lutz, Sept. 2, 1923 (96197–8), Aug. 6, 1921 (96199).

Hyla parkeri Gaige

Occ. Pap. Mus. Zool. Univ. Michigan, No. 207, p. 1, 1929.

PARATYPES (4) : 84359–60, 101440–1, Buenavista, Department of Santa Cruz, Bolivia, J. Steinbach.

Hyla phaeota Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 358, 1862.

=*Hyla phaeota phaeota* Cope

HOLOTYPE: 39899 (formerly 4347), Turbo (Colombia), A. Schott.

Hyla phaeota cyanosticta Smith

Herpetologica, vol. 8, p. 150, 1952.

HOLOTYPE: 111147, ♂, Piedras Negras, Petén, Guatemala, H. M. Smith, May 28, 1939.

PARATYPES (8) : 35907, Semococh, above Panzós, Alta Verapaz, Guatemala, G. P. Goll, Feb. 19, 1905. 111139–41, 111143–6, Piedras Negras, Petén, Guatemala, H. M. Smith, May 28–29, 1939.

Hyla phlebodes Stejneger

Proc. U.S. Nat. Mus., vol. 30, p. 817, 1906.

HOLOTYPE: 29970, ♀, San Carlos, Costa Rica, C. Burgdorf and P. Schild.

Hyla pickeli Lutz and Lutz

Ann. Acad. Brasileira Sci., vol. 10, p. 189, 1938.

PARATYPES (8): 97067–8, 97071–2, Tapera, Pernambuco, Brazil, P. B. Pickel, January 1928. 97042–3, 97045–6, Natal, Rio Grande do Norte, Brazil, P. B. Pickel, July 1928.

Hyla (Sphoenohyla) planicola Lutz and Lutz

Ann. Acad. Brasileira Sci., vol. 10, p. 182, figs. 3–5, 1938.

=*Hyla aurantiaca planicola* Lutz and Lutz

PARATYPES (9) : 97563–8, Km. 40, road between Rio de Janeiro and São Paulo, near Rio de Janeiro, Brazil, A. Lutz, D. M. Cochran, and J. Venancio, Feb. 20, 1935. 97619–21, Recreio dos Bandeirantes, Rio de Janeiro, Brazil, B. Lutz, D. M. Cochran, and J. Venancio, Feb. 9–10, 1935. 97569 was exchanged to AMNH in 1948.

Hyla puma Cope

Proc. Amer. Philos. Soc., vol. 22, p. 183, 1885.

=*Hyla molitor* Schmidt

HOLOTYPE: 13735 (given incorrectly as 18735 in original description), Nicaragua, J. F. Moser, Dec. 4, 1883.

Hyla punctariola moesta Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 106, 1876.

=*Hyla moesta* Cope

PROBABLE HOLOTYPE: 30660, Pico Blanco, Costa Rica, W. M. Gabb.

Hyla punctariola monticola Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 106, 1876.

=*Hyla monticola* Cope

HOLOTYPE: 30661, Pico Blanco, Costa Rica, W. M. Gabb.

Hyla punctariola pictipes Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 106, 1876.

=*Hyla pictipes* Cope

HOLOTYPE: 30652, Cordilleras, Pico Blanco, Costa Rica, 5,000–7,000 ft., W. M. Gabb.

Hyla punctata Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 193, 1854. (Not of Schneider, 1799, or of Wied, 1824.)

=*Hylambates aubryi* Günther

HOLOTYPE: 32369, Gabun (French West Equatorial Africa), P. du Chaillu.

Hyla quinquevittata Cope

Proc. Amer. Philos. Soc., vol. 23, p. 273, 1886.

=*Hyla elaeochroa* Cope

HOLOTYPE: 14187, Nicaragua, J. F. Bransford, Aug. 7, 1885.

Hyla regilla Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 174, 1852.

COTYPES (2): 9182, Puget Sound (Washington), C. J. Pickering. 15409, Sacramento River (restricted to Sacramento County, California), U.S. Exploring Expedition, 1841. One cotype was exchanged to MCZ in 1879.

Hyla regilla laticeps Cope

U.S. Nat. Mus. Bull. 34, p. 359, 1889.

=*Hyla regilla* Baird and Girard

COTYPES (12): 5308 (12), Cape San Lucas, Baja California, Mexico, J. Xantus. One cotype was exchanged to MCZ in 1915.

Hyla rickardsi Taylor

Univ. Kansas Sci. Bull., vol. 25 (1938), p. 385, pl. 41, figs. 1–8, 1939.

PARATYPE: 139722 (formerly UIMNH 39423), Potrero Viejo, Veracruz, Mexico, Mr. and Mrs. D. M. Forbes and E. H. Taylor, Aug. 29, 1936.

Hyla robertmertensi Taylor

Proc. Biol. Soc. Washington, vol. 50, p. 43, pl. 2, figs. 3–7, 1937.

PARATYPE: 134267 (formerly UIMNH 26991), near Asunción, Chiapas, Mexico, E. H. Taylor and H. M. Smith, Sept. 1, 1935.

Hyla robertsorum Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 393, figs. 5–6, 1940.

PARATYPE: 134268 (formerly UIMNH 27037), El Chico National Park, Hidalgo, Mexico, H. and R. Roberts, Aug. 7, 1938.

Hyla rozellae Taylor

Univ. Kansas Sci. Bull. vol. 28, p. 78, pl. 9, figs. 1–1c, 1942.

HOLOTYPE: 115039, Salto de Agua, Chiapas, Mexico, H. M. Smith, Apr. 18, 1940.

PARATYPES (25): 115030–8, Las Nubes on Mount Ovando, Chiapas, Mexico, H. M. Smith, Apr. 15, 1940. 115040–51, Salto de Agua, Chiapas, Mexico, H. M. Smith, Apr. 18, 1940. 115052–5, Finca Juárez, 28 km. northeast of Escuintla, Chiapas, Mexico, H. M. Smith, May 8, 1940.

Hyla sanborni Schmidt

Field Mus. Nat. Hist., Zool. Ser., vol. 29, p. 155, fig. 20, 1944.

PARATYPES (3): 101457–8 (formerly FMNH 9582–3), San Carlos, Uruguay, K. P. Schmidt, Oct. 21, 1926. 101459 (formerly FMNH 10345), 5 miles north of San Vicente de Castillos, Department of Rocha, Uruguay, K. P. Schmidt, Nov. 9, 1926.

Hyla similis Cochran

Journ. Washington Acad. Sci., vol. 42, p. 50, 1952.

HOLOTYPE: 97317, ♂, Manguinhos, Rio de Janeiro, Brazil, J. Venancio, Feb. 25, 1935.

PARATYPES (51): 81119–21, Rio de Janeiro, Brazil, M. M. Metcalf, 1930. 96144–6, Manguinhos, Rio de Janeiro, Brazil, A. Lutz, January 1922. 96203, Bom Successo, Rio de Janeiro, Brazil, A. Lutz, Oct. 25, 1928. 96213, Amorim, Rio de Janeiro, Brail, A. Lutz, January 1926. 97312–6, 97318–52, 97374–6, Manguinhos, Rio de Janairo, Brazil, J. Venancio, Feb. 15, 1935.

Hyla smaragdina Taylor

Copeia, No. 1, p. 18, fig. 1, 1940.

PARATYPE: 134269 (formerly UIMNH 27001), 4 miles east of Cojumatlán, Michoacán, Mexico, H. M. Smith and E. H. Taylor, 1939.

Hyla squalirostris Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 212, 1925.

COTYPES (2): 96719–20, Bonito, Serra da Bocaina, boundary of São Paulo and Rio de Janeiro, Brazil, A. Lutz, Jan. 16–30, 1925.

Hyla staufferi Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 17, p. 195, 1865.

HOLOTYPE: 15317, Orizaba, Veracruz, Mexico, F. Sumichrast.

Hyla uranochroa Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 103, pl. 27, fig. 4, 1876.

HOLOTYPE: 30651, Pico Blanco (near Sipurio), Costa Rica, W. M. Gabb.

Hyla vanvlietii Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 61, 1854.

=*Smilisca baudinii baudinii* (Duméril and Bibron)

COTYPE?: 3256, juv., Brownsville, Cameron County, Texas, S. Van Vliet.

Hyla variabilis Boulenger

Ann. Mag. Nat. Hist., ser. 6, vol. 17, p. 20, 1896.

COTYPE: 71115 (formerly MCZ 194), Cali, Cauca Valley, Colombia, 3,200 ft., W. F. H. Rosenberg.

Hyla versicolor phaeocrypta Cope

U.S. Nat. Mus. Bull. 34, p. 375, 1889.

=*Hyla versicolor versicolor* LeConte

HOLOTYPE: 12074, Mount Carmel, Wabash County, Illinois, L. M. Turner.

Hyla versicolor sandersi Smith and Brown

Proc. Biol. Soc. Washington, vol. 60, p. 48, 1947.

HOLOTYPE: 123978, 8 miles southwest of Somerset, in Atascosa County, Texas, A. J. Kirn, Apr. 27, 1946.

Hyla wrightorum Taylor

Univ. Kansas Sci. Bull., vol. 25 (1938), p. 436, pl. 47, fig. 1, 1939.

=*Hyla eximia wrightorum* Taylor

PARATYPES (8): 9338 (2), Santa Fe, Santa Fe County, New Mexico, H. W. Henshaw, June 18, 1874. 26605–9, Meadow Valley, Chihuahua, Mexico, H. H. and C. S. Brimley, July 18, 1898 (26605–8), June 29, 1898 (26609). 118643, David Lee Lake, southwest of Luna, Catron County, New Mexico, J. J. Cantrell, Aug. 3, 1935.

Hyla zeteki Gaige

Occ. Pap. Mus. Zool. Univ. Michigan, No. 207, p. 4, 1929.

Paratype: 118672 (formerly MZUM 63881), Boquete, Chiriquí Province, Panama, H. T. Gaige, Mar. 3, 1927.

Hylambates cochranae Loveridge

Proc. U.S. Nat. Mus., vol. 91, p. 125, 1941.

Cotype: 109569, ♂, Bendaja, Liberia, W. M. Mann, May 14–27, 1940. 109570 was exchanged to MCZ in 1940.

Hylaplesia nigriventris Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 139, 1925.

=*Eleutherodactylus guentheri* (Steindachner) ?

Cotype: 96846, Alto da Serra, São Paulo, Brazil, A. Lutz.

Hylella platycephala Cope

Proc. Amer. Philos. Soc., vol. 18, p. 267, 1879.

=*Hylella sumichrasti* (Brocchi)

Cotypes (5): 10037 (5), Tapana, near Santa Efigenia, Tehuantepec, Oaxaca, Mexico, 2,000–3,000 ft., F. Sumichrast.

Hylodes cerasinus Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 112, pl. 26, fig. 4, 1876.

=*Eleutherodactylus cerasinus* (Cope)

Holotype: 32572, Pico Blanco, eastern slope, Costa Rica, W. M. Gabb.

Hylodes cuneatus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 152, 1862.

=*Eleutherodactylus cuneatus* (Cope)

Cotypes (2): 5202 (2), eastern Cuba, C. Wright.

Hylodes nasutus Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 213, 1925.

=*Eleutherodactylus nasutus* (Lutz)

Cotypes (2): 96468–9, Hotel Lemburger, Nova Friburgo, Rio de Janeiro, Brazil, A. Lutz and J. Venancio, Feb. 22, 1923. 96470 was exchanged to LC in 1944.

Hylodes polyptychus Cope

Proc. Amer. Philos. Soc., vol. 23, p. 276, 1886.

=*Microbatrachylus polyptychus* (Cope)

Cotypes (2): 14199 (2), Nicaragua, J. F. Bransford, Aug. 7, 1885.

Hymenochirus boettgeri camerunensis Perret and Mertens

Bull. Inst. François Afr. Noire, ser. A, vol. 19, p. 552, fig. 1, 1957.

Paratype: 140246 (formerly SNG 52302), Foulassi, Sangmélima, South Cameroon (French Cameroons), J. L. Perret, Feb. 12, 1954.

Hypopachus alboventer Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 522, pls. 60 and 63, figs. 3–3a, 1940.

PARATYPE: 137203, 8 miles east of Cuernavaca, Morelos, Mexico, E. H. Taylor, June 20, 1938.

Hypopachus caprimimus Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 526, pl. 61, pl. 63, figs. 1–1a, 1940.

PARATYPE: 134270 (formerly UIMNH 27274), Kilometer 327, Guerrero, Mexico, E. H. Taylor, July 21, 1936.

Hypopachus championi Stuart

Proc. Biol. Soc. Washington, vol. 53, p. 19, 1940.

PARATYPES (2): 118667–8 (formerly MZUM 84082), 1 km. south of San Gerónimo, Baja Verapaz, Guatemala, L. C. Stuart, July 6, 1938.

Hypopachus cuneus Cope

Proc. U.S. Nat. Mus., vol. 11, p. 395, 1889.

=*Hypopachus cuneus cuneus* Cope

COTYPE: 15676, San Diego, Duval County, Texas, W. Taylor.

Hypopachus maculatus Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 524, pl. 62, figs. E–F, pl. 63, figs. 2–2a, 1940.

PARATYPE: 137204, near Asunción, Chiapas, Mexico, E. H. Taylor and H. M. Smith, Sept. 1, 1935.

Hypopachus ovis Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 520, pl. 62, fig. B, 1940.

PARATYPE: 134271 (formerly UIMNH 27298), Tepic, Nayarit, Mexico, E. H. Taylor, July 31, 1934.

Hypopachus pearsei Ruthven

Proc. Biol. Soc. Washington, vol. 27, p. 77, 1914.

=*Elachistocleis ovalis* (Schneider)

PARATYPE: 51215, (formerly MZUM 45574), Fundación, Colombia, A. S. Pearse.

Hypsiboas miliarius Cope

Proc. Amer. Philos. Soc., vol. 23, p. 272, 1886.

=*Hyla miliaria* (Cope)

HOLOTYPE: 14193, Nicaragua, J. F. Bransford, Aug. 7, 1885.

Hypsiboas raniceps Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 353, 1862.

=*Hyla raniceps* (Cope)

COTYPES (8): 5403 (4), 5408, 12160, 12172 (2), Paraguay, T. J. Page.

Ixalus japonicus Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 501, 1861.

=*Rhacophorus japonicus* (Hallowell)

COTYPES (5): 7313 (5), Ousima (Amami, Ryukyu Islands), W. Stimpson, May 1855. One cotype was exchanged to MCZ in 1909.

Kalophrynus stellatus Stejneger

Proc. U.S. Nat. Mus., vol. 33, p. 575, 1908.

=*Kalophrynus pleurostigma pleurostigma* Tschudi

HOLOTYPE: 37375, Basilan, Philippine Islands, E. A. Mearns, Feb. 13–22, 1906.

Kaloula conjuncta stickeli Inger

Chicago Nat. Hist. Mus., Fieldiana: Zool., vol. 33, p. 443, 1954.

PARATYPE: 134422 (formerly CNHM 60788), Carigara, Leyte, Philippine Islands, W. H. Stickel, Nov. 22, 1944.

Kaloula macroptica Liu

Journ. West China Border Res. Soc., ser. B, vol. 15, p. 31, pl. 1, figs. 6–7, pl. 2, figs. 8–9, 1945.

PARATYPES (2): 124574–5, ♂, ♂, Sichang, Sikang, China, C. C. Liu, 1942.

Kaloula rugifera Stejneger

Occ. Pap. Boston Soc. Nat. Hist., vol. 5, p. 119, 1924.

HOLOTYPE: 65520, ♀, Kiating, Szechwan, China, D. C. Graham.

Leptodactylus caliginosus Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 422, 1853.

=*Leptodactylus ocellatus* (Linnaeus)

COTYPES (2): 7389 (2), Rio de Janeiro, Brazil, U.S. Exploring Expedition, 1839.

Leptodactylus curtus Barbour and Noble

Bull. Mus. Comp. Zool. vol. 63, p. 405, 1920.

PARATYPE: 75990, Bellavista, Peru, G. K. Noble, 1916.

Leptodactylus darlingtoni Cochran

Proc. Boston. Soc. Nat. Hist., vol. 40, p. 372, 1935.

=*Eleutherodactylus jugans* Cochran

PARATYPES (8): 95423–7, La Visite, La Selle Range, Haiti, P. J. Darlington, Sept. 16–23, 1935. 95428–30, Mount La Hotte, La Selle Range, Haiti, P. J. Darlington, October 1934. Paratypes of *Leptodactylus darlingtoni* Cochran (MCZ 19857–63) from Mount La Hotte were renamed *Leptodactylus ventrilineatus* by Shreve, Proc. New England Zool. Club, vol. 15, p. 98, 1936, but are now known as *Eleutherodactylus ventrilineatus* (Shreve).

Leptodactylus dominicensis Cochran

Journ. Washington Acad. Sci., vol. 13, p. 184, 1923.

HOLOTYPE: 65670, Las Cañitas, Dominican Republic, W. L. Abbott, Feb. 25, 1923.

PARATYPES (3): 65671, tadpole, Samaná and Laguna, Dominican Republic, W. L. Abbott, March 1923. 66675–6, 4 miles west of Jovéro, Dominican Republic, W. L. Abbott, Dec. 4, 1923.

Leptodactylus gaigeae Cochran

Proc. Biol. Soc. Washington, vol. 51, p. 41, 1938.

HOLOTYPE: 96759, ♂, Bonito, Serra da Bocaina, boundaries of São Paulo and Rio de Janeiro, Brazil, A. Lutz, Dec. 28, 1931.

PARATYPE: 96760, same data.

Leptodactylus insularum Barbour

Bull. Mus. Comp. Zool., vol. 46, p. 228, 1906.

=*Leptodactylus bolivianus* Boulenger

PARATYPES (3): 35603–4, San Miguel Island (Pearl Islands), Bay of Panama, Panama, W. W. Brown, Jr., 1900–1901. 52404 (formerly MCZ 2444), Saboga Island, Pearl Islands, Bay of Panama, Panama, W. W. Brown, Jr., May 1904.

Leptodactylus natalensis Lutz

Mem. Inst. Oswaldo Cruz, vol. 23, pp. 7, 26, pl. 1, figs. 7, 7a, pl. 3, figs. 1–2, 1930.

=*Leptodactylus podicipinus* (Cope)

COTYPE: 81130, Natal, Rio Grande do Norte, Brazil, A. Lutz, July 1925.

Leptodactylus occidentalis Taylor

Trans. Kansas Acad. Sci., vol. 39 (1936), p. 349, pl. 1, figs. 1–2, 7, 1937.

PARATYPE: 134272, (formerly UIMNH 26805), near Tepic, Nayarit, Mexico, E. H. Taylor, July 31, 1934.

Leptodactylus pentadactylus mattogrossensis Schmidt and Inger

Chicago Nat. Hist. Mus., Fieldiana: Zool., vol. 31, p. 444, 1951.

PARATYPE: 132738 (formerly FMNH 9192), 1 day's run below Descalvados, Mato Grosso, Brazil, K. P. Schmidt, 1926.

Leptodactylus serialis Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 421, 1853.

=*Leptodactylus ocellatus* (Linnaeus)

COTYPES (2): 7357, Rio de Janeiro, Brazil, U.S. Exploring Expedition, 1839. 15477, Rio de Janeiro, Brazil, J. Drayton, 1839.

Leptodactylus trivittatus Lutz

Mem. Inst. Oswaldo Cruz, vol. 19, pp. 151, 170, pl. 32, figs. 14–15, 1926.

=*Leptodactylus marmoratus* (Steindachner)

COTYPES (12): 96815–9, Alto da Serra, São Paulo, Brazil, A. Lutz, Feb. 27, 1922 (96815–6), January 1924 (96817–9). 96936, 96938–9, 96942, Montserrat, Campo Bello, Rio de Janeiro, Brazil, A. Lutz, February 1925. 96940–1, Campo Bello, Rio de Janeiro, Brazil, A. Lutz, November 1924. 96943, Campo Bello, Rio de Janeiro, Brazil, A. Lutz, 1925.

Leptopelis bequaerti Loveridge

Proc. U.S. Nat. Mus., vol. 91, p. 128, 1941.

PARATYPE: 109051, Si Mountain, Gibi, Liberia, W. M. Mann, 1940.

Limnomedusa schmidti Cochran and Goin

Copeia, No. 3, p. 208, fig. 1a–c, 1959.

HOLOTYPE: 140245, Leticia, Amazonas, Colombia, E. R. Allen, March 1956.

Lithodytes bransfordii Cope

Proc. Amer. Philos. Soc., vol. 23, p. 274, 1886.

=*Microbatrachylus bransfordii* (Cope)

COTYPES (11): 14200 (11), Nicaragua, J. F. Bransford, Aug. 7, 1885.

Lithodytes diastema Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 155, 1876.

=*Eleutherodactylus diastema* (Cope)

COTYPES (2): 25170–1, Camp Mary Caretta, Panama, J. F. Bransford. E. R. Dunn considered 25171 an example of *Eleutherodactylus ockendeni* Boulenger.

Lithodytes gulosus Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 112, 1876.

=*Eleutherodactylus rugosus* (Peters) ?

HOLOTYPE: 32590, Pico Blanco, Costa Rica, 6,000 ft., W. M. Gabb.

Lithodytes lanciformis Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 88, 1877.

=*Eleutherodactylus gollmeri* (Peters)

COTYPES (2): 32324–5, west coast of Central America.

Lithodytes latrans Cope

U.S. Nat. Mus. Bull. 17, p. 25, 1880.

=*Eleutherodactylus latrans* (Cope)

COTYPES (7): 10058 (2), 10529 (2), 10751–3, Helotes, Bexar County, Texas, G. W. Marnock, 1878 (10529), Feb. 10, 1880 (10751–3).

Lithodytes megacephalus Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 110, pl. 23, fig. 11, 1876.

=*Eleutherodactylus rugosus* (Peters)

HOLOTYPE: 32579, ♀, Pico Blanco, Costa Rica, 6,000 ft., W. M. Gabb.

Lithodytes melanostictus Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 109, pl. 23, fig. 10, 1876.

=*Eleutherodactylus melanostictus* (Cope)

HOLOTYPE: 30608, Pico Blanco, Costa Rica, 7,000 ft., W. M. Gabb.

Lithodytes pelviculus Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 89, 1877.

=*Eleutherodactylus rugosus* (Peters)?

HOLOTYPE: 32326, west coast of Central America.

Lithodytes podiciferus Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 107, pl. 23, fig. 9, 1876.

=*Eleutherodactylus podiciferus* (Cope)

COTYPES (12): 30662, 30665–75, Pico Blanco, Costa Rica, 5,000–7,000 ft., W. M. Gabb. Cope gave the following varieties in the original description: "Variety A, 30662, 30664–71; variety B, 30672–3; variety C, 30674; and variety D, 30675." 30663 was exchanged to MCZ in 1927; 30664 to MZUM, 1944.

Lithodytes ranoides Cope

Proc. Amer. Philos. Soc., vol. 23, p. 275, 1886.

=*Eleutherodactylus ranoides* (Cope)

COTYPES (4): 14179 (4), Nicaragua, J. F. Bransford.

Lithodytes rhodopis Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 323, 1867.

=*Eleutherodactylus rhodopis* (Cope)

LECTOTYPE: 16558, vicinity of Orizaba, Veracruz, Mexico, F. Sumichrast.

PARATYPES (4): 16557, 16559–61, same data.

Liyla rugulosa Cope

Proc. Amer. Philos. Soc., vol. 11, p. 160, 1869.

=*Eleutherodactylus rugulosus* (Cope)

COTYPES (2): 29771–2, Isthmus of Tehuantepec, Pacific side, Oaxaca, Mexico, F. Sumichrast.

Malachylodes guttilatus Cope

Proc. Amer. Philos. Soc., vol. 18, p. 264, 1879.

=*Syrrhophus guttilatus* (Cope)

HOLOTYPE: 9888, Guanajuato, Guanajuato, Mexico, A. Dugès, 1877.

Megophrys abbotti Cochran

Journ. Washington Acad. Sci., vol. 16, p. 446, 1926.

HOLOTYPE: 39097, Balik Papan Bay, eastern Borneo, W. L. Abbott, Feb. 6, 1909.

Megophrys minor Stejneger

Proc. Biol. Soc. Washington, vol. 39, p. 53, 1926.

HOLOTYPE: 68816, above Kuan-hsien, Szechwan, China, 3,000 ft., D. C. Graham, July 5, 1924.

Megophrys omeimontis Liu

Chicago Nat. Hist. Mus., Fieldiana: Zool. Mem., vol. 2, p. 191, figs. 39a–d, 1950.

PARATYPE: 124571, ♂, Mount Omei, Szechwan, China, C. C. Liu, July 26–28, 1940.

Microbatrachylus imitator Taylor

Univ. Kansas Sci. Bull., vol. 28, p. 70, pl. 6, figs. 1a–c, 1942.

HOLOTYPE: 115508, La Esperanza, Chiapas, Mexico, H. M. Smith, May 15, 1940.

Microbatrachylus montanus Taylor

Univ. Kansas Sci. Bull., vol. 28, p. 67, pl. 6, figs. 2a–c, 1942.

HOLOTYPE: 115507, Mount Ovando, Chiapas, Mexico, 6,000 ft., H. M. Smith, Apr. 16, 1940.

Microbatrachylus oaxacae Taylor

Univ. Kansas Sci. Bull., vol. 26, (1939), p. 504, 1940.

PARATYPE: 139723 (formerly UIMNH 16113), Cerro San Felipe, Oaxaca, Mexico, E. H. Taylor, Aug. 18–22, 1938.

Microhyla annamensis Smith

Journ. Nat. Hist. Soc. Siam, vol. 6, p. 47, pl. 5, fig. 2, 1923.

PARATYPES (3): 65837–9, Sui Kat, Langbian Plateau, southern Annam (Vietnam), 1,000 m., M. A. Smith, March 1918.

Microhyla grahami Stejneger

Occ. Pap. Boston Soc. Nat. Hist., vol. 5, p. 119, 1924.

=*Microhyla butleri* Boulenger

HOLOTYPE: 65936, Suifu, Szechwan, China, D. C. Graham, 1923.

PARATYPE: 65937, same data.

Microhyla malcolmi Cochran

Proc. Biol. Soc. Washington, vol. 40, p. 182, 1927.

=*Microhyla berdmorei* (Blyth)

HOLOTYPE: 72172, Pak Jong, Siam (Thailand), Hugh M. Smith, Nov. 15, 1925.

Microhyla okinavensis Stejneger

Proc. Biol. Soc. Washington, vol. 14, p. 189, 1901.

HOLOTYPE: 36553, ♀, Okinawa, Riu Kiu (Ryukyu) Islands, SCMT.

PARATYPES (20): 23906, Kunshiau, Okinawa, Riu Kiu Islands, I. Ijima. 34472–90, Ishigaki, Riu Kiu Islands, A. Owston, April–June 1899. 34491 was exchanged to MZUM in 1944.

Microhyla sowerbyi Stejneger

Occ. Pap. Boston Soc. Nat. Hist., vol. 5, p. 119, 1924.

=*Microhyla butleri* Boulenger

HOLOTYPE: 65309, near Yen-ping-fu, Fukien, China, A. de C. Sowerby.

Microhyla undulata Brown

Proc. Acad. Nat. Sci. Philadelphia, vol. 54, p. 186, 1902.

=*Microhyla okinavensis* Stejneger

COTYPE: 75081 (formerly WIM 5728b), Loo Choo (Ryukyu) Islands, W. H. Furness and H. M. Hiller, 1896.

Montorana ahli Vogt

Zool. Anz., vol. 60, p. 340, 1924.

=*Nanorana pleskei* Günther

PARATYPE: 72739, Dschiesongla, southwest of Tatsienlu, Sikang, China, 3,400 m., H. Weigold.

Paludicola frenata Cope

Proc. U.S. Nat. Mus., vol. 12, p. 143, 1889.

=*Pleurodema bibroni* Tschudi?

HOLOTYPE: 15129, Lota, Chile, U.S. Fish Commission *Albatross*, Feb. 17, 1888.

Pharyngodon petasatus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 17, p. 193, 1865.

=*Triprion petasatus* (Cope)

HOLOTYPE: 12287, ♀, near Mérida, Yucatán, Mexico, A. Schott.

Philautus gryllus Smith

Proc. Zool. Soc. London, p. 231, pl. 3, figs. 2–5, 1924.

PARATYPES (3): 65834–6, Langbian Peak, south Annam (Vietnam), 2,000 m., M. A. Smith, March 1918.

Philautus hansenae Cochran

Proc. Biol. Soc. Washington, vol. 40, p. 181, 1927.

HOLOTYPE: 70109, ♂, Nong Khor, southeast Siam (Thailand), Hugh M. Smith, Oct. 4, 1925.

PARATYPES (4): 70110, 70112–3, Nong Khor, southeast Siam, Hugh M. Smith, Oct. 4–5, 1925. 70135, Ban Sadet, southeast Siam, Hugh M. Smith, May 30, 1925. 70115 was exchanged to MCZ in 1944; 70111 to MZUM, 1944; 70114 to WCUUM, 1947.

Philautus nongkhorensis Cochran

Proc. Biol. Soc. Washington, vol. 40, p. 179, 1927.

HOLOTYPE: 70108, Nong Khor, southeast Siam (Thailand), Hugh M. Smith, Oct. 5, 1925.

PARATYPES (5): 70099–100, 70102–3, 70105, Nong Khor, southeast Siam, Hugh M. Smith, Oct. 4–5, 1925. 70106 was exchanged to MCZ in 1944; 70101 to MZUM, 1944; 70104 to WCUUM, 1947; 70107 to BMNH, 1928.

Philautus woodi Stejneger

Proc. U.S. Nat. Mus., vol. 28, p. 346, 1905.

HOLOTYPE: 34781, Mount Apo, Mindanao, Philippine Islands, 6,000 ft., E. A. Mearns, June 30, 1904.

PARATYPE: 34782, Mount Apo, Mindanao, Philippine Islands, 6,000 ft., E. A. Mearns, July 9, 1904.

Phrynixalus anulatus Stejneger

Proc. U.S. Nat. Mus., vol. 33, p. 573, 1908.

HOLOTYPE: 35399, Davao, Mindanao, Philippine Islands, E. A. Mearns.

PARATYPE: 35272, Todaya, Mount Apo, Mindanao, Philippine Islands, 4,000 ft., E. A. Mearns, July 2–10, 1904.

Phyllobates auratus Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 226, 1855.

=*Dendrobates auratus* (Girard)

HOLOTYPE: 10307, Taboga Island, Bay of Panama, Panama, C. B. Adams.

Phyllobates cystignathoides Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 89, 1877.

=*Syrrhophus cystignathoides* (Cope)

COTYPES (7): 32402–4, 32406–9, Potrero, near Córdoba, Veracruz, Mexico, F. Sumichrast. 32405 was exchanged to MCZ in 1945.

Phyllobates flotator Dunn

Occ. Pap. Boston Soc. Nat. Hist., vol. 5, p. 389, 1931.

PARATYPE: 50177, Cana, Panama, 1,800–2,000 ft., E. A. Goldman, Mar. 1–24, 1912.

Phyllobates hylaeformis Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 107, pl. 23, fig. 8, 1876.

=*Eleutherodactylus hylaeformis* (Cope)

HOLOTYPE: 30687, Pico Blanco, Costa Rica, 7,000 ft., W. M. Gabb.

Phyllobates limbatus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 154, 1862.

=*Sminthillus limbatus* (Cope)

COTYPES (6): 5205 (6), eastern Cuba, C. Wright.

Phyllobates nubicola Dunn

Occ. Pap. Mus. Zool. Univ. Michigan, No. 151, p. 7, fig., 1924.

PARATYPES (2): 118674–5 (formerly MZUM 58286), Boquete, Chiriquí Province, Panama, H. T. Gaige, Mar. 10, 1923.

Phyllobates sylvatica Barbour and Noble

Bull. Mus. Comp. Zool., vol. 63, p. 396, 1920.

PARATYPE: 118239 (formerly MCZ 5357), Tabaconas, Peru, G. K. Noble, September 1916.

Phyllomedusa appendiculata Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 139, 1925.

COTYPE: 97147, São Bento, Santa Catarina, Brazil, E. Nahderer, February 1924.

Phyllomedusa azurea Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 355, 1862.

=*Phyllomedusa hypochondrialis* (Daudin)

COTYPE: 5832, Paraguay, T. J. Page.

Phyllomedusa guttata Lutz

Compt. Rend. Soc. Biol. Paris, vol. 90, p. 241, 1924.

COTYPES (5): 96244–5, Tijuca, Rio de Janeiro, A. Lutz, November 1923. 96246, tadpoles, Tijuca, Rio de Janeiro, Brazil, A. Lutz, Feb. 2, 1920. 96317, Sumaré, Rio de Janeiro, Brazil, A. Lutz, Jan. 28, 1920. 96388, Paineiras, on the slope of Corcovado, Rio de Janeiro, Brazil, A. Lutz, November 1923.

Platymantis aculeodactylus Brown

Bull. Mus. Comp. Zool., vol. 107, p. 46, pl. 5, fig. 1, 1952.

HOLOTYPE: 119769, ♀, Torakina, Bougainville Island, Solomon Islands, W. L. Necker, 1944.

PARATYPE: 119580, juvenile, Torakina, Bougainville Island, Solomon Islands, W. L. Necker, Aug. 2, 1944.

Plectrohyla sagorum Hartweg

Occ. Pap. Mus. Zool. Univ. Michigan, No. 437, p. 2, pl. 1, figs. 1–3, 1941.

PARATYPE: 118659 (formerly MZUM 87874), Mount Ovando, Soconusco, Chiapas, Mexico, N. Hartweg, Aug. 31, 1937.

Polypedates omeimontis Stejneger

Occ. Pap. Boston Soc. Nat. Hist., vol. 5, p. 120, 1924.

=*Rhacophorus omeimontis* (Stejneger)

HOLOTYPE: 66548, Shin-Kai-Si, Mount Omei, Szechwan, China, D. C. Graham, 1923.

Polypedates owstoni Stejneger

U.S. Nat. Mus. Bull. 58, p. 149, 1907.

=*Rhacophorus owstoni* (Stejneger)

Holotype: 34333, ♀, Ishigaki, Yaeyama Group, Loo Choo (Ryukyu) Islands, A. Owston, April–June 1899.

Paratypes (15): 34330, 34332, 34334–5, 34337, 34339–48, same data. 34349 and 34331 were exchanged to MCZ in 1909 and 1944; 34336 and 34338 to WCUUM, 1947.

Polypedates viridis Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 500, 1861.

=*Rhacophorus viridis* (Hallowell)

Holotype: 25397, Okinawa, Loo Choo (Ryukyu) Islands, W. Stimpson, December 1854.

Prostherapis boulengeri Barbour

Proc. Biol. Soc. Washington, vol. 22, p. 89, 1909. (New name for *Prostherapis femoralis* T. Barbour, 1905, preoccupied by *Prostherapis femoralis* Boulenger, 1883.)

=*Phyllobates boulengeri* (Barbour)

Cotypes (3): 52406, 118232–3 (formerly MCZ 2422), Gorgona Island. Colombia, W. W. Brown, Jr., June 17–July 2, 1904.

Prostherapis inguinalis Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 20, p. 137, 1868.

Cotype: 4349, Truandó River, New Granada (Colombia), A. Schott.

Protopipa carvalhoi Miranda-Ribeiro

O Campo, Rio de Janeiro, p. 56, figs. 1–3, January 1937.

=*Hemipipa carvalhoi* (Miranda-Ribeiro)

Paratypes (2): 102685–6, Poção, Pernambuco, Brazil, 1,000 m., A. L. de Carvalho, 1936.

Pseudacris streckeri illinoensis Smith

Bull. Chicago Acad. Sci., vol. 9, p. 190, pl. 1, 1951.

Paratype: 134273 (formerly UIMNH 24089), 3 miles east of Beardstown, Cass County, Illinois, D. and A. Smith, Mar. 6, 1951.

Pseudis bolbodactyla Lutz

Compt. Rend. Soc. Biol. Paris, vol. 93, p. 138, 1925.

Cotype: 97022, Lassance, Minas Gerais, Brazil, A. Lutz.

Pseudophryne blanchardi Loveridge

Occ. Pap. Boston Soc. Nat. Hist., vol. 8, p. 91, 1933.

Paratype: 118771 (formerly MZUM 83367), Millgrove, Victoria, Australia, F. N. Blanchard, Apr. 1, 1928.

Ptycholiyla adipoventris Taylor

Univ. Kansas Sci. Bull., vol. 30, p. 41, 1944.

PARATYPE: 114551, Agua del Obispo, Guerrero, Mexico, H. M. Smith, Aug. 31, 1939.

Rana areolata Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 173, 1852.

=*Rana areolata areolata* Baird and Girard

HOLOTYPE: 3304, Indianola, Calhoun County, Texas, J. H. Clark.

Rana areolata aesopus Cope

Proc. Amer. Philos. Soc., vol. 23, p. 517, 1886.

HOLOTYPE: 4743, Micanopy, Alachua County, Florida, T. H. Bean.

Rana aurora Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 174, 1852.

=*Rana aurora aurora* Baird and Girard

COTYPES (4): 11711 (4), Puget Sound (Washington), U.S. Exploring Expedition, May 1841.

Rana berlandieri Baird

Reptiles of the boundary, *in* Report U.S. and Mexican Bound. Surv., vol. 2, pt. 2, p. 27, pl. 36, figs. 7–10, 1859.

=*Rana pipiens berlandieri* Baird

COTYPES (10): 3293 (9), 131513, Brownsville, Cameron County, Texas, S. Van Vliet. Two cotypes from 3293 were exchanged to MCZ in 1879.

Rana boylii Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 62, 1854.

=*Rana boylii boylii* Baird

COTYPES (2): 3370 (2), El Dorado County, California, C. C. Boyle.

Rana cantabrigensis evittata Cope

U.S. Nat. Mus. Bull. 34, p. 437, 1889.

=*Rana sylvatica cantabrigensis* Baird

COTYPES (24): 5169 (7), Puget Sound (Washington), U.S. Exploring Expedition. 5364 (3), Welthy R.? (probably Canada), R. W. Kennicott. 5365 (2), 5366 (3), 5922 (2), Moose Factory, British America (Canada), C. Drexler. 5929, British America? (Canada), R. W. Kennicott. 6505, Big Island, Great Slave Lake (Canada), J. Reid. 9385 (3), St. Catherine's, Canada, D. W. Beadle. 13727, Lake Aleknagik, north of Nushagak, Alaska, C. L. McKay, Sept. 27, 1883. 14495, Nulato River, Alaska, W. H. Dall.

Rana cantabrigensis latiremis Cope

Proc. Amer. Philos. Soc., vol. 23, p. 520, 1886.

=*Rana sylvatica cantabrigensis* Baird

COTYPES (4): 13723–6, Lake Aleknagik, north of Nushagak, Alaska, C. L. McKay, Sept. 27, 1883.

Rana capito LeConte

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 425, pl. 5, 1855.

=*Rana areolata capito* LeConte

HOLOTYPE: 5903, Riceboro, Liberty County, Georgia, J. L. LeConte.

Rana capito stertens Schwartz and Harrison

Proc. Biol. Soc. Washington, vol. 69, p. 136, 1956.

=*Rana areolata capito* LeConte

PARATYPES (2): 137279–80, 6 miles north of Cainhoy, Berkeley County, South Carolina, J. R. Harrison, J. A. Quinby, and A. Schwartz, Sept. 4, 1955.

Rana cascadae Slater

Herpetologica, vol. 1, p. 145, pl. 14, 1939.

=*Rana aurora cascadae* Slater

HOLOTYPE: 108689, Elysian Fields, Rainier National Park, Pierce County, Washington, J. R. Slater, June 19, 1938.

PARATYPES (2): 108690–1, same data.

Rana chaochiaoensis Liu

Journ. West China Border Res. Soc., ser. B, vol. 16, p. 7, 1946.

PARATYPES (2): 124539–40, Chao-chiao, Sikang, China, C. C. Liu, May 7, 1942.

Rana draytonii Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 174, 1852.

=*Rana aurora draytonii* Baird and Girard

COTYPES (6): 11497 (6), San Francisco (San Francisco County), California, U.S. Exploring Expedition, 1841.

Rana fisheri Stejneger

North Amer. Fauna, No. 7, p. 227, pl. 3, figs. 5a–c, 1893.

=*Rana pipiens fisheri* Stejneger

HOLOTYPE: 18957, Vegas Valley, Clark County, Nevada, V. O. Bailey, Mar. 13, 1891.

PARATYPES (8): 18958–9, Vegas Valley, Clark County, Nevada, V. O. Bailey, Mar. 9–13, 1891. 18960–5, Las Vegas, Clark County, Nevada, E. W. Nelson, Mar. 9, 1891. 18966 was exchanged to MCZ in 1919.

Rana grisea milneana Loveridge

Bull. Mus. Comp. Zool., vol. 101, p. 414, 1948.

HOLOTYPE: 19173, ♀, Kwatto Branch Mission, Milne Bay, British New Guinea, 50 ft., J. F. Cassell, March 1944.

Rana grylio Stejneger

Proc. U.S. Nat. Mus., vol. 24, p. 212, fig., 1901.

HOLOTYPE: 27443, Bay Saint Louis, Hancock County, Mississippi, G. S. Miller, Jr., summer of 1900.

PARATYPES (10): 3688a–b, Pensacola, Escambia County, Florida, R. W. Jeffries. 27444–6, Bay Saint Louis, Hancock County, Mississippi, G. S. Miller, Jr., summer of 1900. 29007–11, Kissimmee, Osceola County, Florida, E. A. Mearns, May 4, 1902. 27447 was exchanged to B. B. Brandt.

Rana gryllus LeConte

Ann. Lyc. Nat. Hist. New York, vol. 1, p. 282, 1825.

=*Acris gryllus gryllus* (LeConte)

PROBABLE COTYPES (14): 3564 (7), 5909 (7), Georgia?, J. L. LeConte.

Rana jugans Stejneger

Proc. Biol. Soc. Washington, vol. 39, p. 53, 1926.

=*Staurois mantzorum* (David)

HOLOTYPE: 67819, near Wenchwan, about 100 km. northwest of Chengtu, Szechwan, China, D. C. Graham, Aug. 13, 1924.

Rana lecontei Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 301, 1853.

=*Rana aurora draytonii* Baird and Girard

COTYPES (2): 3362 (2), San Francisco (San Francisco County), California, J. L. LeConte, February 1850.

Rana longipes Hallowell

Report upon the reptiles collected on the survey, *in* Report U.S. Pacific R. R. Explor. and Surv., vol. 10, pt. 4, No. 1, p. 20, 1859.

=*Rana aurora draytonii* Baird and Girard

COTYPES (2): 3366, 3376, El Paso Creek, California, A. L. Heermann. These specimens are also cotypes of *Rana nigricans* Hallowell, 1854 (not of Agassiz, 1850).

Rana macrodon macrocephala Inger

Chicago Nat. Hist. Mus., Fieldiana: Zool., vol. 33, p. 287, 1954.

=*Rana magna macrocephala* Inger

PARATYPES (3): 39963, Maaguas River, Lagonoy Gulf, Philippine Islands, U.S. Fish Commission *Albatross*, June 17, 1909. 39968, Antipolo, Luzon, Philippine Islands, U.S. Fish Commission *Albatross*, Jan. 26, 1908. 57841, Luzon, Philippine Islands, J. Hurter, 1904.

Rana macrodon visayanus Inger

Chicago Nat. Hist. Mus., Fieldiana: Zool., vol. 33, p. 289, 1954.

=*Rana magna visayanus* Inger

Paratypes (9): 78072–8, Iloilo, Island of Panay, Philippine Islands, H. C. Kellers, Apr. 10, 1929. 121597–8, 5 miles south of Tarragone, Leyte, Philippine Islands, D. J. Pletsch.

Rana magna Stejneger

Smithsonian Misc. Coll., vol. 52, p. 437, 1909.

=*Rana magna magna* Stejneger

Holotype: 35231, ♂, Mount Apo, Mindanao, Philippine Islands, 4,000–6,000 ft., E. A. Mearns, June–July 1904.

Paratypes (17): 35232–6, 35238–40, 35242–50, same data. 35241 was exchanged to MCZ in 1910; 35237 to MHNB, 1909.

Rana marmorata Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 500, 1861.

=*Rana nigromaculata* Hallowell

Cotypes (2): 12159 (2), ♀, Simoda, Hondo, Japan, Morrow.

Rana mascareniensis Duméril and Bibron

Erpétologie générale ou histoire naturelle complète des reptiles, vol. 8, p. 350, 1841.

Probable cotypes (2): 10975 (2), Island of Réunion, Mascarene Islands (Indian Ocean), MHNP.

Rana mearnsi Stejneger

Proc. U.S. Nat. Mus., vol. 28, p. 343, 1905.

Holotype: 35258, Baganga River, Mindanao, Philippine Islands, 1,000–5,000 ft., E. A. Mearns, Apr. 28–May 7, 1904. Catalog states: "Originally preserved in blackberry brandy."

Rana megapoda Taylor

Univ. Kansas Sci. Bull., vol. 28, p. 310, pl. 28, 1942.

Paratypes: (9): 113998–114005, La Palma, Michoacán, Mexico, H. M. Smith, Mar. 23, 1939. 137197, near Chapala, Jalisco, Mexico, H. M. Smith, July 2, 1935.

Rana montezumae Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 61, 1854.

Cotypes (15): 3344, 39383–96 (formerly 3344), City of Mexico, Distrito Federal, Mexico. 3344 is the lectotype. 39397 was exchanged to MCZ in 1909.

Rana montezumae concolor Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 61, 1854.

=*Rana montezumae* Baird

Lectotype: 81101 (formerly 10247), Guanajuato, Mexico, A. Dugès, 1879.

Paralectotypes (3): 10247 (3), same data.

Rana nigricans Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 96, 1854. (Not of Agassiz, 1850.)

=*Rana aurora draytonii* Baird and Girard

COTYPES (2): 3366, 3376, El Paso Creek, California, A. L. Heermann. These specimens are also the cotypes of *Rana longipes* Hallowell, *in* Report upon the reptiles collected on the survey, *in* Report U.S. Pacific R.R. Explor. and Surv., vol. 10, pt. 4, No. 1, p. 20, 1859. The catalog gives the locality for 3366 as "Pacific R.R. Survey," and for 3376 as simply "California."

Rana onca Cope

in Yarrow, Report upon the collections of batrachians and reptiles . . . 1871, 1872, 1873, and 1874, *in* Report U.S. Geogr. and Geol. Expl. and Surv. West of One Hundr. Mer., vol. 5, p. 528, pl. 25, figs. 1–3, 1875.

=*Rana pipiens brachycephala* Cope

COTYPE: 25331, ♀, Utah, H. C. Yarrow, 1872.

Rana pretiosa Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 378, 1853.

=*Rana pretiosa pretiosa* Baird and Girard

COTYPES (5): 11409 (5), Puget Sound (Washington), U.S. Exploring Expedition, 1841.

Rana sevosa Goin and Netting

Ann. Carnegie Mus., vol. 28, p. 137, pl. 12, figs. 1–2, 1940.

=*Rana areolata sevosa* Goin and Netting

PARATYPE: 109226 (formerly CM 18116), Van Cleave, Jackson County, Mississippi, CM, Oct. 21, 1930.

Rana sierramadrensis Taylor

Univ. Kansas Sci. Bull., vol. 25 (1938), p. 397, pl. 39, fig. 1, 1939.

PARATYPE: 139724 (formerly UIMNH 27054), near Agua del Obispo, between Rincón and Cajones, Guerrero, Mexico, E. H. Taylor, July 21, 1936.

Rana sinuata Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 61, 1854.

=*Rana septentrionalis* Baird

COTYPES (5): 3420 (5), Sacketts Harbor, Garrison Creek, Jefferson County, New York, S. F. Baird, summer of 1850.

Rana sylvatica cherokiana Witschi

Proc. Iowa Acad. Sci., vol. 60, p. 764, figs. 1–4, 1953.

HOLOTYPE: 134417, ♂, Murphy, Cherokee County, North Carolina, J. C. Nicholls, Jr., Jan. 20, 1953.

PARATYPE: 134418, ♀, same data.

Rana tsushimensis Stejneger

U.S. Nat. Mus. Bull. 58, p. 116, figs. 94–98, 1907.

Holotype: 17519, ♀, Tsushima Island, Japan, P. L. Jouy, May 1885.

Paratype: 17520, ♂, same data.

Rana virescens brachycephala Cope

U.S. Nat. Mus. Bull. 34, p. 403, fig. 101, 1889.

=*Rana pipiens brachycephala* Cope

Cotypes (15): 3363 (15), Yellowstone River, Montana, F. V. Hayden.

Rana woodworthi Taylor

Philippine Journ. Sci., vol. 22, p. 519, pl. 1, figs. 1–2, 1923.

Paratype: 139725, Polillo, Philippine Islands, E. H. Taylor, 1920.

Rana yakani Taylor

Philippine Journ, Sci., vol. 21, p. 262, pl. 1, fig. 1, pl. 2, fig. 1, 1922.

=*Rana signata* Günther

Paratype: 139726, Basilan Island, Philippine Islands, E. H. Taylor, October 1920.

Ranoidea flavoviridis Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 422, 1853.

=*Hyla lesueurii* Duméril and Bibron

Cotypes (2): 15484–5, Wollongong, Illawara, New South Wales, Australia, U.S. Exploring Expedition, January 1840.

Ranoidea resplendens Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 422, 1853.

=*Hyla aurea* Lesson

Holotype: 15478, Wollongong, Illawara, New South Wales, Australia, U.S. Exploring Expedition, January 1840.

Rhacophorus baluensis Inger

Journ. Washington Acad. Sci., vol. 44, p. 250, 1954.

Holotype: 130215, ♀, Bundu Tuhan, Mount Kina Balu, North Borneo, 4,500 ft., D. H. Johnson, July 5, 1951.

Paratype: 130217, ♂, same data. 130216 was exchanged to CNHM in 1954.

Rhacophorus chenfui Liu

Journ. West China Border Res. Soc., ser. B, vol. 15, p. 35, pl. 3, figs. 13–15, 1945.

Paratype: 124564, ♂, Mount Omei, Szechwan, China, C. C. Liu.

Rhacophorus pleurostictus batangensis Vogt

Zool. Anz., vol. 60, p. 341, 1924.

=*Rhacophorus bambusicola* Barbour

Paratype: 72741, Batang, Sikang Province, China, H. Weigold.

Scaphiopus albus Garman

Proc. Amer. Assoc. Adv. Sci., vol. 25, p. 194, 1877.

=*Scaphiopus holbrookii albus* Garman

COTYPE: 52403 (formerly MCZ 1452), Key West, Monroe County, Florida, S. Garman, 1879.

Scaphiopus dugesi Brocchi

Bull. Soc. Philom. Paris, ser. 7, vol. 3, p. 23, 1879.

=*Scaphiopus hammondii multiplicatus* Cope

COTYPES (3): 16205–7, Silao de la Victoria, Guanajuato, Mexico, A. Dugès.

Scaphiopus multiplicatus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 15, p. 52, 1863.

=*Scaphiopus hammondii multiplicatus* Cope

HOLOTYPE: 3694, Valley of Mexico, Mexico, J. Potts.

Scaphiopus varius Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 15, p. 52, 1863.

=*Scaphiopus couchii* Baird

COTYPES (3): 5893 (3), Cape San Lucas, Baja California, Mexico, J. Xantus.

Scutiger pingi Liu

Journ. West China Border Res. Soc., ser. B., vol. 14, p. 35, figs. 1–5, 1943.

PARATYPE: 124567, Chaochiao, Sikang, China, C. C. Liu, 1942.

Scutiger schmidti Liu

Copeia, No. 2, p. 123, fig. 1, 1947.

PARATYPES (3): 124568–70, Mount Omei, Szechwan, China, C. C. Liu.

Scytopis boulengeri Cope

U.S. Nat. Mus. Bull. 32, p. 12, 1887.

=*Hyla boulengeri* (Cope)

HOLOTYPE: 13974, Nicaragua, J. A. McNiel, Aug. 29, 1884.

Scytopis hebes Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 354, 1862.

=*Phrynohyas hebes* (Cope)

HOLOTYPE: 5837, Paraguay, T. J. Page.

Spea stagnalis Cope

in Yarrow, Report upon the collections of batrachians and reptiles . . . 1871, 1872, 1873, and 1874, *in* Report U.S. Geogr. and Geol. Expl. and Surv. West of One Hundr. Mer., vol. 5, p. 525, pl. 25, figs. 6–8, 1875.

=*Scaphiopus hammondii hammondii* Baird

COTYPES (4): 8188 (2), 8563, 25335, Utah, H. C. Yarrow, 1872.

Sphoenohyla habra Goin

Caldasia, vol. 8, p. 18, 1957.

PARATYPE: 138859, Letitia, Amazonas Comissario, Colombia, E. R. Allen, 1956.

Staurois kangtingensis Liu

Chicago Nat. hist. Mus., Fieldiana: Zool. Mem., vol. 2, p. 349, figs. 89–a–b, 1950.

PARATYPE: 124559, ♂, Kangting, Sikang, China, C. C. Liu, 1942.

Staurois lifanensis Liu

Journ. West China Border Res. Soc., ser. B, vol. 15, p. 33, pl. 2, figs. 10–11, 1945.

PARATYPE: 124560, ♂, Lifan, Sikang, China, C. C. Liu, 1942.

Staurois loloensis Liu

Chicago Nat. Hist. Mus. Fieldiana: Zool. Mem., vol. 2, p. 353, 1950.

PARATYPES (3): 124561, ♀, Lo-lo-kou, Sikang, China, C. C. Liu, 1942. 79707, ♀, Yao-Gi (Yaochin), near Mupin, Szechwan, China, 8,000 ft., D. C. Graham, July 14, 1929. 93857, near Mupin, Szechwan, China, D. C. Graham, 1931.

Syrrhophus campi Stejneger

Proc. Biol. Soc. Washington, vol. 28, p. 131, 1915.

HOLOTYPE: 52290, Brownsville, Cameron County, Texas, R. D. Camp, Mar. 31, 1915.

PARATYPES (5): 52291, same data. 52304–7, Brownsville, Cameron County, Texas, R. D. Camp.

Syrrhophus interorbitalis Langebartel and Shannon

Herpetologica, vol. 12, p. 161, figs. 1–2, 1956.

PARATYPE: 139727 (formerly UIMNH 38098), 36 miles north of Mazatlán, Sinaloa, Mexico, D. A. Langebartel, Nov. 17, 1955.

Syrrhophus latodactylus Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 397, fig. 7, pl. 43, 1940.

PARATYPE: 139728 (formerly UIMNH 13289), Sabinas Hidalgo, Nuevo León, Mexico, E. H. Taylor, June 17, 1936.

Syrrhophus leprus Cope

Proc. Amer. Philos. Soc., vol. 18, p. 268, 1879.

HOLOTYPE: 10040, Santa Efigenia, Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Syrrhophus modestus Taylor

Univ. Kansas Sci. Bull., vol. 28, p. 304, pl. 29, 1942.

PARATYPE: 139729 (formerly UIMNH 13301), Hacienda Paso del Río, Colima, Mexico, H. M. Smith, 1935.

Syrrhophus nebulosus Taylor

Univ. Kansas Sci. Bull., vol. 29, p. 353, pl. 27, figs. 3–5, 1943.

PARATYPE: 134274 (formerly UIMNH 13299), Tuxtla Gutiérrez, Chiapas, Mexico, H. M. Smith and E. H. Taylor, Sept. 4, 1935.

Syrrhophus pipilans Taylor

Proc. Biol. Soc. Washington, vol. 53, p. 95, pl. 1, 1940.

PARATYPE: 134275 (formerly UIMNH 13316), Agua del Obispo, Guerrero, Mexico, E. H. Taylor, June 24, 1938.

Syrrhophus rubrimaculatus Taylor and Smith

Proc. U.S. Nat. Mus., vol. 95, p. 583, 1945.

HOLOTYPE: 114070, ♂, La Esperanza, Chiapas, Mexico, Dr. and Mrs. H. M. Smith, May 13, 1940.

PARATYPES (19): 114054–69, 114071–2, La Esperanza, Chiapas, Mexico, H. M. Smith, Apr. 5–May 25, 1940. 114073, Rancho Las Gradas, 4 km. northwest of La Esperanza, Chiapas, Mexico, H. M. Smith, May 20, 1940.

Syrrhophus smithi Taylor

Proc. U.S. Nat. Mus., vol. 89, p. 43, pl. 1, 1940.

HOLOTYPE: 108594, 15 miles west of Galeana, Nuevo León, Mexico, 5,200 ft. H. M. Smith, Oct. 13, 1939.

Telmatobius niger Barbour and Noble

Bull. Mus. Comp. Zool., vol. 63, p. 413, 1920.

PARATYPES (2): 38118–9, Palmyra Desert, Ecuador, 10,500 ft., T. Barbour, 1909.

Tetraprion jordani Stejneger and Test

Proc. U.S. Nat. Mus., vol. 14, p. 167, pl. 3, 1892.

HOLOTYPE: 12274 (formerly 6862), Guayaquil, Ecuador.

Thoropa lutzi Cochran

Proc. Biol. Soc. Washington, vol. 51, p. 41, 1938.

=*Eupsophus lutzi* (Cochran)

HOLOTYPE: 97622, ♂, Recreio dos Bandeirantes, Rio de Janeiro, Brazil, B. Lutz, D. Cochran, J. Venancio, Feb. 9–10, 1935.

PARATYPES (6): 96297–8, ♂, ♂, Tijuca, Rio de Janeiro, Brazil, A. Lutz. 96422–3, ♂ and tadpoles, Independencia, Petrópolis, Rio de Janeiro, Brazil, A. Lutz, 1926. 97328, Sumaré, Rio de Janeiro, Brazil, A. Lutz, Feb. 15, 1924. 97623, same data as holotype. 97327 was exchanged to LC in 1944.

Tomodactylus albolabris Taylor

Univ. Kansas Sci. Bull., vol. 29, p. 351, 1943.

PARATYPE: 139730 (formerly UIMNH 15974), Agua del Obispo, Guerrero, Mexico, E. H. Taylor, 1941.

Tomodactylus angustidigitorum Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 494, pl. 55, figs. 1–1b, 1940.

PARATYPE: 137201, Zacapú, Michoacán, Mexico, E. H. Taylor, Sept. 6–7, 1938.

Tomodactylus macrotympanum Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 496, pl. 55, figs. 2–2b, 1940.

PARATYPE: 137202, 18 miles south of Jacala, Hidalgo, Mexico, E. H. Taylor, July 2, 1936.

Trachycephalus scutigerus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 15, p. 45, 1863.

=*Hyla septentrionalis brunnea* (Gosse)

PARATYPE: 6267, Jamaica, C. B. Adams.

Trachycephalus wrightii Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 15, p. 45, 1863.

=*Hyla wrightii* (Cope)

HOLOTYPE: 5174, Guantánamo District, Cuba, C. Wright.

Zachaenus roseus Cope

Proc. U.S. Nat. Mus., vol. 12, p. 142, 1889.

HOLOTYPE: 15126, Port Otway, Patagonia, Argentina, L. A. Lee, Feb. 9, 1888. This specimen is now nearly disintegrated.

Zachaenus sawayae Cochran

Herpetologica, vol. 8, p. 111, figs. a–d, 1953.

HOLOTYPE: 125530, Banhado, Paraná, Brazil, R. Hertel, July 1945.

Class Reptilia

Order Squamata

Suborder Sauria

Ablepharus gloriosus Stejneger

Proc. U.S. Nat. Mus., vol. 16, p. 723, 1894.

=*Cryptoblepharus gloriosus* (Stejneger)

HOLOTYPE: 20463, Gloriosa Island, Madagascar, W. L. Abbott, January 1873.

PARATYPES (3): 20464–6, same data.

Agama agama turuensis Loveridge

Bull. Mus. Comp. Zool., vol. 72, p. 376, 1932.

=*Agama agama elgonis* Lönnberg

PARATYPES (3): 95597–9 (formerly MCZ 30709–10), Unyanganyi, Turu, Tanganyika, A. Loveridge, 1929.

Agama rueppelli occidentalis Parker

Journ. Linn. Soc. London, Zool., vol. 38, p. 225, 1932.

COTYPE: 66927, between Abyssinia and British East Africa (between Ethiopia and Kenya), E. A. Mearns, 1912.

Agama rueppelli septentrionalis Parker

Journ. Linn. Soc. London, Zool., vol. 38, p. 225, 1932.

COTYPES (2): 49056, British East Africa (probably Kenya), E. Heller. 66901, Mount Nyeri, south of Lake Rudolph, British East Africa (Kenya), E. A. Mearns, July 13, 1912.

Ameiva atrigularis Garman

Bull. Essex Inst., vol. 19, p. 2, 1887.

COTYPE: 120777, Trinidad, West Indies, C. S. Cazabon, 1879.

Ameiva birdorum Grant

Journ. Dept. Agr. Puerto Rico, vol. 16, p. 160, 1932.

PARATYPE: 120778, Diablo Island, opposite Fajardo, Puerto Rico, C. Grant, Mar. 11, 1932.

Ameiva chrysolaema Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 20, p. 127, 1868.

=*Ameiva chrysolaema chrysolaema* Cope

COTYPES (2): 12140, 12142, within 25 miles of Port-au-Prince (given erroneously as from Gonave Island in original description), Haiti, A. C. Younglove, January–June 1866.

Ameiva chrysolaema woodi Cochran

Occ. Pap. Boston Soc. Nat. Hist., vol. 8, p. 181, 1934.

PARATYPES (7): 59434, La Tortue Island, Haiti, W. L. Abbott, Jan. 31, 1917. 95127–32, La Tortue Island, Haiti, *Utowana* Expedition, Apr. 2, 1934.

Ameiva corvina Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 13, p. 312, 1861.

COTYPES (2): 52215–6 (formerly MCZ 3616), Sombrero Island?, West Indies, A. H. Riise?.

Ameiva eutropia Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 62, 1862.

=*Ameiva festiva festiva* (Lichtenstein and von Martens)

COTYPES (3): 4320 (3), Truando, New Granada (Colombia), A Schott.

Ameiva panchlora Barbour

Proc. New England Zool. Club, vol. 7, p. 83, 1921.

=*Ameiva ameiva fuliginosa* (Cope)

HOLOTYPE: 13879, Old Providence Island, Colombia, U.S. Fish Commission *Albatross* Apr. 4–9, 1884.

PARATYPE: 63398, same data. 63397 was exchanged to MCZ in 1921.

Ameiva plei exsul Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 66, 1862.

=*Ameiva exsul* Cope

Holotype: 30696, Water Island (Virgin Islands), A. H. Riise.

Ameiva polops Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 66, 1862.

Holotype: 30695, St. Croix Island (Virgin Islands), A. H. Riise.

Ameiva undulata amphigramma Smith and Laufe

Trans. Kansas Acad. Sci., vol. 48, p. 338, 1945.

Paratypes (14): 133837–8, Atoyac, Veracruz, Mexico, H. M. Smith, Dec. 17, 1938. 133839, Orizaba, Veracruz, Mexico, H. M. Smith, 1938. 133840–8, Potrero Viejo, Veracruz, Mexico, H. M. Smith, 1938–39. 133920, Cosalapa, Oaxaca, Mexico, H. M. Smith, Jan. 11, 1939. 134298 (formerly UIMNH 27352), Tierra Colorado, Veracruz, Mexico, E. H. Taylor and H. M. Smith, July 15, 1932.

Ameiva undulata dextra Smith and Laufe

Univ. Kansas Sci. Bull., vol. 31, p. 54, fig. 2c, 1946.

Paratypes (5): 133849–53, 8 km. east of Coyuca, Guerrero, Mexico, Dr. and Mrs. H. M. Smith, Feb. 7, 1939.

Ameiva undulata hartwegi Smith

Proc. Biol. Soc. Washington, vol. 53, p. 55, 1940.

Holotype: 108600, across Usumacinta River from Piedras Negras, Guatemala, in Chiapas, Mexico, H. M. Smith, June 18, 1939.

Paratypes (11): 129274–83, 133854, Piedras Negras, Petén, Guatemala, H. M. Smith, May–June 1939.

Ameiva undulata podarga Smith and Laufe

Univ. Kansas Sci. Bull., vol. 31, p. 40, figs. 1d, 2a, 1946.

Paratypes (3): 106141–2, Hacienda La Clementina, 4 miles west of Forlón, Tamaulipas, Mexico, H. M. Smith, Nov. 19, 1938. 133859, Huichihuayán, San Luis Potosí, Mexico, H. M. Smith, Dec. 7, 1938.

Ameiva undulata sinistra Smith and Laufe

Univ. Kansas Sci. Bull., vol. 31, p. 59, 1946.

Paratype: 134299 (formerly UIMNH 27343), Quesería, Colima, Mexico, H. M. Smith, June 18, 1935.

Ameiva undulata stuarti Smith

Proc. Biol. Soc. Washington, vol. 53, p. 55, 1940.

Holotype: 108601, San Juanito, Palenque, Chiapas, Mexico, H. M. Smith, July 21, 1939.

Paratypes (38): 133860, Río Chacama, Palenque, Chiapas, Mexico, H. M. Smith, Jan. 13, 1939. 133861–97, Palenque, Chiapas, Mexico, H. M. Smith, July 4–Aug. 2, 1939.

Ameiva undulata thomasi Smith and Laufe

Univ. Kansas Sci. Bull., vol. 31, p. 47, pl. 1, fig. A, 1946.

Paratype: 137216, La Libertad, Chiapas, Mexico, H. D. Thomas, Sept. 1, 1937.

Ameiva wetmorei Stejneger

Proc. Biol. Soc. Washington, vol. 26, p. 70, 1913.

=*Ameiva wetmorei wetmorei* Stejneger

Holotype: 49731, Guanica, above Río Loco, Puerto Rico, A. Wetmore, May 20, 1912.

Ameiva wetmorei eleanorae Grant and Roosevelt

Journ. Dept. Agr. Puerto Rico, vol. 16, p. 48, 1932.

Paratypes (2): 120785–6, islet south of Caja de Muertos Island, Puerto Rico, C. Grant, May 1932.

Amiva gabbiana Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 117, pl. 28, fig. 3, 1876.

=*Ameiva quadrilineata* (Hallowell)

Cotypes (3): 32614–6, Old Harbor, Costa Rica, W. M. Gabb.

Amiva surinamenis tobaganus Cope

Proc. Amer. Philos. Soc., vol. 18, p. 276, 1879.

=*Ameiva tobagana* Cope

Holotype: 10113, Tobago Island, West Indies, F. A. Ober.

Amphisbaena bakeri Stejneger

Report of the U.S. National Museum . . . for the year ending June 30, 1902, p. 681, fig. 133, 1904.

Holotype: 25541, Lares, Puerto Rico, A. B. Baker, Jan. 26, 1899.

Paratypes (2): 25537, same data. 27458, Puerto Rico, C. E. Adams, 1900.

Amphisbaena camura Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 350, 1862.

Cotypes (2): 5860 (2), Paraguay, T. J. Page.

Amphisbaena manni Barbour

Mem. Mus. Comp. Zool., vol. 44, p. 318, 1914.

Paratype: 67113 (formerly MCZ 8648), Cape Haitien, Haiti, W. M. Mann, 1913.

Amphisbaena pericensis Noble

Ann. New York Acad. Sci., vol. 29, p. 141, 1921.

PARATYPE: 75970 (formerly MCZ 14786), Perico, Peru, G. K. Noble, September 1916.

Amphisbaena townsendi Stejneger

Proc. U.S. Nat. Mus., vol. 41, p. 283, 1911.

HOLOTYPE: 47087, Piura, Peru, C. H. Townsend, Mar. 14, 1911.

Anolis agassizii Stejneger

Bull. Mus. Comp. Zool., vol. 36, p. 161, pl., 1900.

=*Mariguana agassizii* (Stejneger)

HOLOTYPE: 22101, ♂, Malpelo Island, Colombia, C. H. Townsend, Mar. 5, 1891.

PARATYPES (2): 22103–4, ♀, ♀, same data. 22102 and 22105 were exchanged to MCZ in 1923.

Anolis allisoni Barbour

Proc. New England Zool. Club, vol. 10, p. 58, 1928.

PARATYPE: 75859, Ruatán Island, Bay Islands, Honduras, T. Barbour, 1928.

Anolis (Dracontura) alutaceus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 13, p. 212, 1861.

=*Anolis alutaceus* Cope

COTYPES (3): 27485–7, Monte Verde, Cuba, C. Wright. 27488 was exchanged to MCZ in 1915.

Anolis asper Garman

Bull. Essex Inst., vol. 19, p. 31, 1887.

=*Anolis ferreus* (Cope)

COTYPES (2): 39293–4 (formerly MCZ 6162), Marie Galante Island, West Indies, W. B. Richardson, 1886.

Anolis aureolus Cope

Proc. Amer. Philos. Soc., vol. 22, p. 390, 1885.

COTYPES (5): 24850–1, Guatemala, H. Hague. 24854–6, Yucatán, Mexico, A. Schott. 24858 was exchanged to MCZ in 1915; 24857 to UIMNH, 1956.

Anolis cepedii cinereus Garman

Bull. Essex Inst., vol. 19, p. 35, 1887.

=*Anolis roquet cinereus* Garman

COTYPE: 39298 (formerly MCZ 6182 part), St. George, Grenada Island, West Indies, S. Garman, 1879.

Anolis cepedii gentilis Garman

Bull. Essex Inst., vol. 19, p. 34, 1887.

=*Anolis roquet aeneus* Gray

Cotype: 39295, Petite Martinique, Grenadines, West Indies, S. Garman, 1879.

Anolis compressicauda Smith and Kerster

Herpetologica, vol. 11, p. 193, figs. a–d, 1955.

Paratype: 138888 (formerly UIMNH 38032), El Ocote, Chiapas, Mexico, M. A. del Toro, Apr. 15, 1955.

Anolis (Gastrotropis) concolor Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 180, 1862.

=*Anolis concolor* Cope

Cotypes (3): 6055 (3), Nicaragua, C. Wright. One cotype was exchanged to MCZ in 1926.

Anolis conspersus Garman

Proc. Amer. Philos. Soc., vol. 24, p. 273, 1887.

Cotype: 39292 (formerly MCZ 6021), Grand Cayman Island, West Indies, W. B. Richardson, 1887

Anolis conspersus lewisi Grant

The herpetology of the Cayman Islands, Bull. Inst. Jamaica Sci. Ser., No. 2 (1940), p. 23, 1941.

=*Anolis grahami lewisi* Grant

Paratypes (3): 108027–9, east end, Grand Cayman Island, West Indies, C. B. Lewis, July 3, 1938.

Anolis cristatellus wileyi Grant

Journ. Dept. Agr. Puerto Rico, vol. 15, p. 220, 1931.

Paratypes (2): 140281–2 (formerly MCZ untagged), Culebra Island, Puerto Rico, C. Grant, Apr. 15–26, 1931.

Anolis cupreus Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 481, 1861.

Cotypes (11): 12211 (11), Nicaragua, C. Wright. Two cotypes were exchanged to MCZ in 1923; one cotype was exchanged to UIMNH in 1956.

Anolis (Dracontura) cyanopleurus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 13, p. 211, 1861.

=*Anolis cyanopleurus* Cope

Cotypes (3): 62068–70, Monte Verde, Cuba, C. Wright.

Anolis darlingtoni Cochran

Proc. New England Zool. Club, vol. 18, p. 1, 1939.

Paratypes (2): 107556, ♂, Loma Vieja, Cordillera Central, Dominican Republic, 6,000 ft., P. J. Darlington, August 1938. 107557, Loma Rucilla and mountains north, Dominican Republic, P. J. Darlington, June 1938.

Anolis distichoides Rosén

Contributions to the fauna of the Bahamas, Lunds Univ. Årrskr. N. F., Afd. 2, Bd. 7, Nr. 5, p. 29, figs. 12a–d, 1911.

PARATYPES (2): 103709–10, Stanniard Creek, Andros Island, Bahama Islands, N. Rosén, January 1909.

Anolis distichus floridanus Smith and McCauley

Proc. Biol. Soc. Washington, vol. 61, p. 160, pl. 7, 1948.

HOLOTYPE: 127114, ♂, Brickell Park, Miami, Dade County, Florida, R. H. McCauley, Jr., Nov. 6, 1946.

Anolis dominicensis caudalis Cochran

Proc. Biol. Soc. Washington, vol. 45, p. 185, 1932.

=*Anolis distichus caudalis* Cochran

HOLOTYPE: 76801, En Café, Gonave Island, Haiti, A. J. Poole and W. M. Perrygo, March 1929.

PARATYPES (9): 76799–800, same data. 77080–2, Point-à-Raquette, Gonave Island, Haiti, W. J. Eyerdam, 1927. 80386, 80388–9, Anse à Galets, Gonave Island, Haiti, L. H. Parish and W. M. Perrygo, Mar. 23, 1930. 80390, Petite Gonave Island, Haiti, L. H. Parish and W. M. Perrygo, Mar. 19, 1930. 80387 was exchanged to MZUM in 1943.

Anolis dominicensis juliae Cochran

Occ. Pap. Boston Soc. Nat. Hist., vol. 8, p. 169, 1934.

=*Anolis distichus juliae* Cochran

PARATYPE: 95122, Isle Vache, Haiti, *Utowana* Expedition, Apr. 12, 1934.

Anolis dominicensis wetmorei Cochran

Proc. Biol. Soc. Washington, vol. 44, p. 89, 1931.

=*Anolis distichus wetmorei* Cochran

HOLOTYPE: 83881, Beata Island, Dominican Republic, A. Wetmore and F. C. Lincoln, May 13, 1931.

Anolis doris Barbour

Proc. Biol. Soc. Washington, vol. 38, p. 101, 1925.

=*Anolis cybotes doris* Barbour

PARATYPE: 69384 (formerly MCZ 13741), Gonave Island, Haiti, G. M. Allen, August 1919.

Anolis evermanni Stejneger

Report of the U.S. National Museum . . . for the year ending June 30, 1902, p. 647, figs. 102–104, 1904.

HOLOTYPE: 26855, ♂, Catalina Plantation, Puerto Rico, 890 ft., L. Stejneger, Feb. 21, 1900.

PARATYPES (29): 25721–2, 26085, 26906–7, El Yunque, Puerto Rico, U.S. *Fishhawk*, Feb. 19, 1899. 26853–4, 26861–3, 26866–9, Catalina Plantation, Puerto Rico, L. Stejneger and C. W. Richmond, February–March 1900. 26899, between Catalina Plantation and Mameyes, Puerto Rico, L. Stejneger, Mar. 5, 1900. 27154–6, 58479 (formerly 27213), near Utuado, Puerto Rico, L. Stejneger, Apr. 7, 1900. 27237–8, 27256, 27259, 27273–4, 27278, 58480–1 (formerly 27239–40), Adjuntas, Puerto Rico, L. Stejneger, Apr. 13, 1900. 27279, between Adjuntas and Ponce, C. W. Richmond, Apr. 15, 1900. 25454 was exchanged to MCZ in 1912; 27153 to R, 1953.

Anolis fairchildi Barbour and Shreve

Proc. Boston Soc. Nat. Hist., vol. 40, p. 357, 1935.

HOLOTYPE: 81527, ♂, Cay Sal, Bahama Islands, P. Bartsch, June 17, 1930.

PARATYPES (3): 81525–6, same data. 81559, Cotton Cay, Cay Sal Group, Bahama Islands, P. Bartsch, June 23, 1930. 81558 was exchanged to MCZ in 1934.

Anolis greyi Barbour

Mem. Mus. Comp. Zool., vol. 44, p. 287, 1914.

COTYPES (3): 39516–8, Puerto Principe, Camagüey, Cuba, T. Barbour, March 1909.

Anolis griseus Garman

Bull. Essex Inst., vol. 19, p. 36, 1887.

=*Anolis richardii griseus* Garman

COTYPE: 120754 (formerly MCZ 6164), Kingston, St. Vincent, West Indies, S. Garman, Feb. 18, 1879.

Anolis hendersoni Cochran

Journ. Washington Acad. Sci., vol. 13, p. 225, 1923.

HOLOTYPE: 59210, Pétionville, Haiti, J. B. Henderson and P. Bartsch, Apr. 1, 1917.

Anolis leucophaeus mariguanae Cochran

Journ. Washington Acad. Sci., vol. 21, p. 40, 1931.

HOLOTYPE: 81346, Mariguana Cay, Bahama Islands, P. Bartsch, July 18, 1930.

PARATYPES (29): 81344–5, 81347–50, same data. 81351–5, 81357, 81359–72, Betsy Bay, Mariguana Cay, Bahama Islands, P. Bartsch, July 19–20, 1930. 81373–5, Booby Island, east of Mariguana Cay, Bahama Islands, P. Bartsch, July 21, 1930. 81356 and 81358 were exchanged to MCZ in 1934.

Anolis lineatopus coxi Grant

Jamaica To-day, p. 155, 1940.

PARATYPES (8): 108294–301, Portland Point, Jamaica, C. Grant, April 1937–January 1938.

Anolis lineatopus lynni Grant

Jamaica To-day, p. 155, 1940.

HOLOTYPE: 107902, near Chester Vale, St. Andrew, Jamaica, W. G. Lynn, 1936.

PARATYPE: 107903, same data.

Anolis lividus Garman

Bull. Essex Inst., vol. 19, p. 43, 1887.

=*Anolis bimaculatus lividus* Garman

COTYPES (2): 39303–4, Plymouth, Montserrat Island, West Indies, S. Garman, 1879.

Anolis luciae Garman

Bull. Essex Inst., vol. 19, p. 44, 1887.

=*Anolis trinitatis luciae* Garman

COTYPES (2): 39296–7, Punta Castries, Santa Lucia Island, West Indies, S. Garman, 1879.

Anolis matudai Smith

Herpetologica, vol. 12, p. 1, 1956.

PARATYPE: 137289, Mount Ovando, Chiapas, Mexico, Dr. and Mrs. H. M. Smith, Apr. 16, 1940. This specimen is not from Finca La Esperanza, as stated in original description (fide H. M. Smith).

Anolis mestrei Barbour and Ramsden

Proc. Biol. Soc. Washington, vol. 29, p. 19, 1916.

PARATYPES (4): 26731–3, San Diego de los Baños, Cuba, W. Palmer and J. H. Riley, Apr. 12, 1900. 27344, El Guamá, near city of Pinar del Río, Cuba, W. Palmer and J. H. Riley, Mar. 24, 1900.

Anolis microtus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 23, p. 214, pl. 24, fig. 2, 1871.

HOLOTYPE: 31282, San José, Costa Rica, C. H. Van Patten.

Anolis milleri Smith

in Smith and Taylor, U.S. Nat. Mus. Bull. 199, p. 64, 1950.

HOLOTYPE: 120957, Quetzaltepec, Oaxaca, Mexico, W. S. Miller, Apr. 17, 1944.

Anolis monensis Stejneger

Report of the U.S. National Museum . . . for the year ending June 30, 1902, p. 646, figs. 98–101, 1904.

HOLOTYPE: 29387, Mona Island, Puerto Rico, B. S. Bowdish, Aug. 19, 1901.

PARATYPES (12): 29376–86, 29388, Mona Island, Puerto Rico, B. S. Bowdish, Aug. 8–12, 1901. 29375 was exchanged to MCZ in 1912.

Anolis nannodes Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 16, p. 173, 1864.

=*Anolis laeviventris* (Wiegmann)

Cotypes (3): 12206 (3), Arriba, Costa Rica, C. N. Riotte.

Anolis nelsoni Barbour

Mem. Mus. Comp. Zool., vol. 44, p. 287, 1914.

Paratype: 75957, Swan Island, Honduras, G. Nelson, March 1912.

Anolis oxylophus Cope

Journ. Acad. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 123, pl. 24, fig. 4, pl. 28, fig. 5, 1876.

=*Anolis lionotus* Cope

Cotypes (2): 30556–7, Costa Rica, W. M. Gabb.

Anolis pachypus Cope

Journ. Acad. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 120, pl. 24, fig. 3, 1876.

Holotype: 30683, Pico Blanco, Limón, Costa Rica, W. M. Gabb.

Anolis pinchoti Cochran

Journ. Washington Acad. Sci., vol. 21, p. 354, 1931.

=*Anolis concolor* Cope

Holotype: 76945, ♂, Old Providence Island, Colombia, A. K. Fisher, Apr. 23, 1929.

Paratype: 76946, ♀, same data.

Anolis poncensis Stejneger

Report of the U.S. National Museum . . . for the year ending June 30, 1902, p. 665, figs. 117–120, 1904.

Holotype: 27294, ♂, 3 miles east of Ponce, Puerto Rico, C. W. Richmond, Apr. 16, 1900.

Paratypes (5): 27289–93, 3 miles east of Ponce, Puerto Rico, L. Stejneger, Apr. 16, 1900.

Anolis purpurescens Cope

Sci. Bull., Acad. Nat. Sci. Philadelphia, No. 1, p. 7, 1899.

Holotype: 4321, Truandó River New Granada (Colombia), A Schott.

Anolis quaggulus Cope

Proc. Amer. Philos. Soc., vol. 22, p. 391, 1885.

=*Anolis humilis humilis* Peters

Holotype: 24979, San Juan River, Nicaragua, R. W. Kennicott.

Anolis ruthveni Stuart

Occ. Pap. Mus. Zool. Univ. Michigan, No. 310, p. 1, 1935.

=*Anolis humilis uniformis* Cope

PARATYPES (6): 71866, 71869, 71892, 71908, 71914, 71915, El Petén, Guatemala, H. Malleis.

Anolis sabanus Garman

Bull. Essex Inst., vol. 19, p. 39, 1887.

=*Anolis bimaculatus sabanus* Garman

COTYPE: 39299, Saba Island, West Indies, F. Lagois, 1884.

Anolis sagrei mayensis Smith and Burger

Anal. Inst. Biol., Mexico, vol. 20 (1949), p. 407, 1950.

PARATYPE: 137211, Encarnación, Campeche, Mexico, H. M. Smith, Oct. 1–10, 1936.

Anolis stejnegeri Barbour

Copeia, No. 3, p. 88, 1931.

=*Anolis sagrei stejnegeri* Barbour

PARATYPE: 6002, Cape Punta (Florida).

Anolis subocularis Davis

Herpetologica, vol. 10, p. 3, 1954.

PARATYPES (93): 133725–816, Tierra Colorada, Guerrero, Mexico, H. M. Smith, Feb. 12–14, 1939. 133817, Agua del Obispo, Guerrero, Mexico, H. M. Smith, Aug. 31, 1939.

Anolis taylori Smith and Spieler

Copeia, No. 3, p. 165, 1945.

HOLOTYPE: 132358, ♂, 1 mile north of Acapulco, Guerrero, Mexico, E. H. Taylor, Sept. 3, 1939.

PARATYPES (5): 132359–63, 1 mile north of Acapulco, Guerrero, Mexico, E. H. Taylor and Dr. and Mrs. H. M. Smith, Sept. 3, 1939. 132364 was exchanged to MCZ in 1958.

Anolis townsendi Stejneger

Bull. Mus. Comp. Zool., vol. 36, p. 163, 1900.

HOLOTYPE: 22106, ♂, Cocos Island, Costa Rica, C. H. Townsend, Feb. 28, 1891.

PARATYPE: 22107, ♀, same data.

Anolis trinitatis extremus Garman

Bull. Essex Inst., vol. 19, p. 35, 1887.

=*Anolis roquet cinereus* Garman

COTYPES (2): 39290–1 (formerly, MCZ 2743), Bridgetown, Barbados Island, West Indies, L. Agassiz, 1872.

Anolis tropidonotus spilorhipis del Toro and Smith

Herpetologica, vol. 12, p. 9, 1956.

PARATYPE: 138889 (formerly UIMNH 37974), Villa Allende, Cerro Ombligo, Chiapas, Mexico, M. A. del Toro, May 5, 1954.

Anolis trossulus Garman

Bull. Essex Inst., vol. 19, p. 38, 1887.

=*Anolis richardii richardii* Duméril and Bibron

Cotype: 39289, St. George, Grenada Island, West Indies, S. Garman, 1879.

Anolis uniformis Cope

Proc. Amer. Philos. Soc., vol. 22, p. 392, 1885.

=*Anolis humilis uniformis* Cope

Cotypes (23): 6774 (6), 24734–48, 24750, Guatemala, H. Hague. 24859, Yucatán, Mexico, A. Schott. 24749 was exchanged to MCZ in 1915.

Anolis vincentii Garman

Bull. Essex Inst., vol. 19, p. 46, 1887.

=*Anolis trinitatis vincentii* Garman

Cotypes (2): 39301–2, Kingston, St. Vincent, West Indies, S. Garman, 1879.

Anolis virgatus Garman

Bull. Essex Inst., vol. 19, p. 41, 1887.

=*Anolis gingivinus* Cope

Cotype: 39300, St. Bart's Island, West Indies, F. Lagois, 1884.

Anota calidiarum Cope

Amer. Nat., vol. 30, p. 833, 1896.

=*Phrynosoma platyrhinos calidiarum* Cope

Holotype: 18444, ♀, Death Valley, California, Death Valley Expedition, 1891.

Aristelliger expectatus Cochran

Proc. Biol. Soc. Washington, vol. 46, p. 33, 1933.

=*Aristelligella expectata* (Cochran)

Holotype: 75908, ♂, Jacmel, Haiti, J. S. C. Boswell, 1928.

Aristelliger irregularis Cope

Proc. Amer. Philos. Soc., vol. 22, p. 387, 1885.

=*Aristelliger georgeensis* (Bocourt)

Holotype: 13903, Cozumel Island, off Yucatán, Mexico, U.S. Fish Commission *Albatross*, Jan. 23–29, 1885.

Audantia armouri Cochran

Occ. Pap. Boston Soc. Nat. Hist., vol. 8, p. 171, 1934.

Paratypes (5): 72593–4, head of Rivière Chotard, Massif de La Selle, Haiti, 6,500 ft., B. H. Swales and A. Wetmore, Apr. 12, 1927. 72598–9, Morne Cabaio, Massif de La Selle, Haiti, 7,500 ft., B. H. Swales and A. Wetmore, Apr. 10, 1927. 85008, Morne La Selle, Haiti, 7,000 ft., S. S. Cook, 1932.

Audantia shrevei Cochran

Proc. New England Zool. Club, vol. 18, p. 2, 1939.

PARATYPES (5): 107558, ♂, Valle Nuevo, Cordillera Central, Dominican Republic, P. J. Darlington, August, 1938. 107559–61, Loma Pelona, Dominican Republic, P. J. Darlington, June 1938. 107562, Loma Rucilla, Dominican Republic, P. J. Darlington, June 1938.

Aulacoplax leptosoma Brown and Fehlmann

Occ. Pap. Nat. Hist. Mus. Stanford Univ., No. 6, p. 1, figs. 1–5, 1958.

PARATYPES (2): 140413–4 (formerly SU 20845–6), Koror Island, Palau Islands (West Caroline Islands, West Pacific), H. A. Fehlmann and Y. Sumang.

Bachia intermedia Noble

Ann. New York Acad. Sci., vol. 29, p. 142, 1921.

PARATYPE: 59927, Perico, Chinchipe River, northeastern Peru, G. K. Noble, 1916.

Bachia parkeri Ruthven

Proc. Boston Soc. Nat. Hist., vol. 38, p. 103, figs. 4–6, 1925.

PARATYPE: 65437, Río Tiquié, Colombia, G. McCreagh.

Barisia gadovii levigata Tihen

Univ. Kansas Sci. Bull., vol. 33, p. 231, pl. 2, figs. 3–5, 1949.

HOLOTYPE: 47212, ♂, Valley of Oaxaca, Oaxaca, Mexico, E. W. Nelson and E. A. Goldman, Sept. 14, 1894.

PARATYPE: 47855, ♂, mountains west of Oaxaca City, Oaxaca, Mexico, 9,000 ft., E. W. Nelson and E. A. Goldman, Sept. 14, 1894.

Barissia antauges Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18, p. 132, 1866.

=*Barisia antauges* Cope

HOLOTYPE: 30221, Orizaba, Veracruz, Mexico, F. Sumichrast.

Barissia levicollis Stejneger

Proc. U.S. Nat. Mus., vol. 13, p. 184, 1890.

=*Barisia levicollis* Stejneger

HOLOTYPE: 9362, Mexican Boundary (probably Chihuahua), Mexico.

Basiliscus barbouri Ruthven

Proc. Biol. Soc. Washington, vol. 27, p. 9, pl. 1, figs. 1–2, 1914.

PARATYPE: 50671, San Lorenzo, Tamocal River, Santa Marta Mountains, Colombia, 400 ft., M. A. Carriker, Jr., July 7, 1913.

Basiliscus guttulatus Cope

Journ. Acad. Nat. Sci., Philadelphia, ser. 2, vol. 8 (1875), p. 156, 1876.

=*Basiliscus basiliscus* (Linnaeus)

HOLOTYPE: 25164, Buhio Soldado, Panama, J. F. Bransford. This specimen is now badly macerated.

Basiliscus (Cristasaura) nuchalis Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 181, 1862.

=*Basiliscus vittatus* Wiegmann

HOLOTYPE: 5845, near Greytown, Nicaragua, H. C. Caldwell.

Basiliscus plumifrons Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 125, pl. 25, fig. 1, 1876.

COTYPES (5): 32622–6, Sipurio, Costa Rica, W. M. Gabb. 35627 was exchanged to UIMNH in 1956.

Cachryx defensor Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18, p. 124, 1866.

=*Enyaliosaurus defensor* (Cope)

COTYPES (3): 12282 (3), Yucatán (restricted to Chichén Itzá), Mexico, A. Schott.

Cadea palirostrata Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 35, p. 659, 1916.

PARATYPE: 54379 (formerly AMNH 2718), San Pedro, Isle of Pines, Cuba, C. S. Mead, winter of 1911–1912.

Callisaurus carmenensis Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 465, 1919.

=*Callisaurus draconoides carmenensis* Dickerson

HOLOTYPE: 64253, ♂, Carmen Island, Gulf of California, Baja California, Mexico, C. H. Townsend, Apr. 2, 1911.

Callisaurus crinitus Cope

Amer. Nat., vol. 30, p. 1049, 1896.

=*Callisaurus draconoides crinitus* Cope

HOLOTYPE: 14895, Ballenas Bay, Baja California, Mexico, U.S. Fish Commission *Albatross*, May 3, 1888.

Callisaurus inusitatus Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 465, 1919.

=*Callisaurus draconoides inusitatus* Dickerson

HOLOTYPE: 64256, ♂, Tiburón Island, Gulf of California, Sonora, Mexico, C. H. Townsend, Apr. 13, 1911.

Callisaurus plasticus Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 466, 1919.

=*Callisaurus draconoides carmenensis* Dickerson

HOLOTYPE: 64255, ♂, Agua Verde Bay, Baja California, Mexico, C. H. Townsend, Apr. 1, 1911.

Callisaurus rhodostictus Cope

Amer. Nat., vol. 30, p. 1049, 1896.

=*Callisaurus draconoides rhodostictus* Cope

COTYPES (8): 21504, El Rosario, Baja California, Mexico, A. W. Anthony, Apr. 24, 1894. 21505–11, San Fernando, Baja California, Mexico, A. W. Anthony, April–June, 1894. 21511 is the lectotype.

Callisaurus splendidus Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 467, 1919.

=*Callisaurus draconoides splendidus* Dickerson

HOLOTYPE: 64254, ♂, Angel de la Guarda Island, Gulf of California, Baja California, Mexico, C. H. Townsend, Apr. 10, 1911.

Callisaurus ventralis myurus Richardson

Proc. U.S. Nat. Mus., vol. 48, p. 408, 1915.

=*Callisaurus draconoides myurus* Richardson

HOLOTYPE: 51786, The Willows, Indian Agency, Pyramid Lake, Washoe County, Nevada, J. O. Snyder and C. H. Richardson, June 2, 1911.

Celestus badius Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 20, p. 126, 1868.

COTYPES (2): 25817–8, Navassa Island, West Indies, W. J. Rasin.

Celestus crusculus molesworthi Grant

Jamaica To-day, p. 157, 1940.

PARATYPES (2): 108158–9, 1 mile south of Buff Bay, Portland, Jamaica, C. Grant, May 2, 1939.

Celestus curtissi Grant

Copeia, No. 1, p. 68, 1 pl., 1951.

HOLOTYPE: 117337, Trou Forban, Haiti, A. Curtiss, Apr. 19, 1943.

PARATYPES (6): 117265, Trou Caïman, Haiti, A. Curtiss, Feb. 16, 1943. 117266–8, 117338, 129399, Trou Forban, Haiti, A. Curtiss, August 1942–April 1943.

Celestus darlingtoni Cochran

Proc. New England Zool. Club, vol. 18, p. 2, 1939.

PARATYPES (2): 107563–4, Valle Nuevo, Cordillera Central, Dominican Republic, 6,000–8,000 ft., P. J. Darlington, August 1938.

Celestus rozellae Smith

Proc. U.S. Nat. Mus., vol. 92, p. 372, 1942.

HOLOTYPE: 113526, Palenque, Chiapas, Mexico, R. B. Smith, July 7, 1939.

PARATYPES (2): 62992, Central America (from fruit ship at New Orleans, La.), H. E. Hubert. 113527, Piedras Negras, Petén, Guatemala, H. M. Smith, June 2, 1939.

Celestus rugosus Cope

Proc. Amer. Philos. Soc., vol. 18, p. 272, 1879.

HOLOTYPE: 10260, Puerto Plata, Dominican Republic, C. A. Fraser, 1878.

Celestus weinlandii Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 20, p. 125, 1868.

HOLOTYPE: 12145, within 25 miles of Port-au-Prince (given erroneously as Gonave Island in original description), Haiti, A. C. Younglove.

Chalcidolepis metallicus Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 116, pl. 24, fig. 5, pl. 28, fig. 2, 1876.

=*Anadia metallica metallica* (Cope)

HOLOTYPE: 30568, Aguacate Mountains, Costa Rica, W. M. Gabb.

Chamaeleo abbotti Stejneger

Proc. U.S. Nat. Mus., vol. 14, p. 353, 1 fig., 1891.

=*Chamaeleo taitensis* Steindachner

HOLOTYPE: 16744, ♂, Kilimanjaro, East Africa (Tanganyika), 4,500 ft., W. L. Abbott, 1889.

PARATYPES (2): 16743, 16747, same data.

Chamaeleon ituriensis Schmidt

Bull. Amer. Mus. Nat. Hist., vol. 39, p. 589, text fig. 25, pl. 31, fig. 2, pl. 32, figs. 1–5, 1919.

=*Chamaeleo johnstonii* Boulenger

PARATYPE: 62015 (formerly AMNH 11461), Gamangui, Belgian Congo, H. Lang and J. P. Chapin Expedition, February 1910.

Chamaelinorops wetmorei Cochran

Proc. Biol. Soc. Washington, vol. 41, p. 45, 1928.

HOLOTYPE: 72630, Fonds-des-Nègres, Haiti, A. Wetmore, Apr. 4, 1927.

Cnemidophorus angusticeps Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 95, 1877.

=*Cnemidophorus sackii angusticeps* Cope

COTYPES (2): 24876–7, Yucatán, Mexico, A. Schott. 12284 (2) and 24879, same data, are probably also cotypes. 24878 was exchanged to MCZ in 1944.

Cnemidophorus bartolomas Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 476, 1919.

=*Cnemidophorus tigris multiscutatus* Cope

HOLOTYPE: 64448, San Bartolomé Bay, Baja California, Mexico, C. H. Townsend, March 11, 1913.

Cnemidophorus burti Taylor

Univ. Kansas Sci. Bull., vol. 24 (1936), p. 485, pl. 43, fig. 2, 1938.

PARATYPE: 138898 (formerly UIMNH 35973), 10 miles northeast of Guaymas, Sonora, Mexico, H. M. Smith and D. H. Dunkle, 1934.

Cnemidophorus celeripes Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 472, 1919.

=*Cnemidophorus tigris celeripes* Dickerson

HOLOTYPE: 64444, San José Island, Gulf of California, Baja California, Mexico, C. H. Townsend, 1911.

Cnemidophorus communis Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 95, 1877.

=*Cnemidophorus communis communis* Cope

COTYPES (114): 6779, Guatemala, H. Hague. 24941–60, Guadalajara?, Jalisco, Mexico, J. J. Major. 30240, Córdoba, Veracruz, Mexico, F. Sumichrast. 31398–420, 31506–27, 31530–62, 31604–17, Colima, Colima, Mexico, J. Xantus, March–October 1863. When these specimens were returned by Cope's estate after his death, they were marked as follows: Var. I, 31506–27, 31530–62, 31604–17; var. II, 24941–60, 30240. 31535, 31545, 31549, and 31561 were considered to be *Cnemidophorus deppii lineatissimus* Cope, fide R. G. Zweifel.

Cnemidophorus costatus Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 95, 1877.

=*Cnemidophorus sackii sackii* Wiegmann

HOLOTYPE: 31359, Mexico (restricted to Cuernavaca, Morelos), A. Boucard.

Cnemidophorus decemlineatus Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 482, 1861.

=*Cnemidophorus deppii deppii* Wiegmann

COTYPES (11): 6058 (11), Nicaragua, C. Wright. One cotype was exchanged to MCZ in 1944.

Cnemidophorus disparilis Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 473, 1919.

=*Cnemidophorus tigris aethiops* Cope

HOLOTYPE: 64445, Tiburón Island, Gulf of California, Sonora, Mexico, C. H. Townsend, Apr. 12, 1911.

Cnemidophorus estebanensis Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 474, 1919.

=*Cnemidophorus tigris estebanensis* Dickerson

HOLOTYPE: 64446, San Estéban Island, Gulf of California, Sonora, Mexico, C. H. Townsend, Apr. 13, 1911.

Cnemidophorus gadovi Burger

Chicago Acad. Sci., Nat. Hist. Misc., No. 65, p. 2, 1950.

=*Cnemidophorus tigris aethiops* Cope

Holotype: 40042, Hermosillo, Sonora, Mexico, J. N. Rose, Mar. 5, 1910.

Cnemidophorus gigas Davis and Smith

Herpetologica, vol. 8, p. 98, 1952.

Paratype: 134300, Cuernavaca, Morelos, Mexico, H. M. Smith, Jan. 24, 1939.

Cnemidophorus gracilis Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 128, 1852.

=*Cnemidophorus tigris gracilis* Baird and Girard

Holotype: 3034, "Colorado Desert, California" (restricted to Yuma, Yuma County, Arizona), J. L. LeConte.

Cnemidophorus grahamii Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 128, 1852.

=*Cnemidophorus tessellatus* (Say)

Cotypes (2): 3046 (2), between San Antonio and El Paso del Norte (El Paso in the catalogue, but restricted to Fort Davis, Jeff Davis County, Texas), J. H. Clark.

Cnemidophorus gularis Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 128, 1852.

=*Cnemidophorus sackii gularis* Baird and Giard

Cotypes (13): 2989 (8), Indianola (Calhoun County), Texas, J. D. Graham. 3022 (5), Rio San Pedro of the Rio Grande, Texas (restricted to mouth of Devils River, Val Verde County), J. D. Graham. 3022a is the lectotype.

Cnemidophorus gularis gularis obsoletus Cope

Trans. Amer. Philos. Soc., vol. 17, p. 45, 1892.

=*Cnemidophorus sackii scalaris* Cope

Cotypes (3): 14231b, 14308d–e, Chihuahua, Chihuahua, Mexico, E. Wilkinson.

Cnemidophorus gularis gularis verus Cope

Trans. Amer. Philos. Soc., vol. 17, p. 45, 1892.

=*Cnemidophorus sackii scalaris* Cope

Cotypes (10): 14231a, 14241c–e, 14305b–d, 15308a–c, Chihuahua, Chihuahua, Mexico, E. Wilkinson.

Cnemidophorus gularis scalaris Cope

Trans. Amer. Philos. Soc., vol. 17, p. 47, pl. 10, fig. 10, 1892.

=*Cnemidophorus sackii scalaris* Cope

Cotypes (11): 8319 (4), between Chihuahua and Mexico, Mexico, J. Potts. 14302 (7), Chihuahua, Chihuahua, Mexico, E. Wilkinson. 14302a is the lectotype, and the type locality is restricted to Chihuahua, Chihuahua. One cotype from 8319 was exchanged to UIMNH in 1956.

Cnemidophorus gularis semifasciatus Cope

Trans. Amer. Philos. Soc., vol. 17, p. 49, pl. 11, fig. 12, 1892.

=*Cnemidophorus sackii semifasciatus* Cope

Cotypes (2): 9248 (formerly 3041), Agua Nueva, Coahuila, Mexico, D. N. Couch. 3033, Patos, Coahuila, Mexico, D. N. Couch.

Cnemidophorus gularis sericeus Cope

Trans. Amer. Philos. Soc., vol. 17, p. 48, pl. 11, fig. 11, 1892.

=*Cnemidophorus sackii gularis* Baird and Girard

Holotype: 15650, San Diego, Duval County, Texas, W. Taylor.

Cnemidophorus hyperythrus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 15, p. 103, 1863.

=*Cnemidophorus hyperythrus hyperythrus* Cope

Cotypes (24): 5299 (13), 69495–6, Cape San Lucas, Baja California, Mexico, J. Xantus, May–September, 1859. 69497, Rancho Viejo, 10 leagues north of San José, Baja California, Mexico, J. Xantus, December 1959. 69498, Santiago Sierras, between San José and La Paz, Baja California, Mexico, J. Xantus, November 1859. 69499–69505, Miraflores, 10 leagues north of San José, Baja California, Mexico, J. Xantus, December 1859.

Cnemidophorus immutabilis Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 93, 1877.

=*Cnemidophorus guttatus immutabilis* Cope

Probable cotype: 30141, West Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Cnemidophorus inornatus Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10 (1858), p. 255, 1859.

Cotypes (2): 3032 (2), Pesquería Grande, Nuevo León, Mexico, D. N. Couch.

Cnemidophorus labialis Stejneger

Proc. U.S. Nat. Mus., vol. 12, p. 643, 1890.

Holotype: 15596, Cedros Island (given as "Cerros Island" in the original description, but probably from San Quintín Bay), Baja California, Mexico, L. Belding.

Paratypes (3): 15597–8, 15600, same data. 15599 was exchanged to MCZ.

Cnemidophorus lativittis Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 94, 1877.

=*Cnemidophorus deppii deppii* Wiegmann

HOLOTYPE: 30227, Juchitán, Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Cnemidophorus lineatissimus Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 94, 1877.

=*Cnemidophorus deppii lineatissimus* Cope

COTYPES (20): 24937–40, Guadalajara?, Jalisco, Mexico, J.J. Major. 32299–314, Colima, Colima, Mexico, J. Xantus, July 1863.

Cnemidophorus marmoratus Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 128, 1852.

=*Cnemidophorus tigris marmoratus* Baird and Girard

COTYPES (2): 3024 (2), between San Antonio and El Paso, Texas (restricted to El Paso), J. H. Clark. 3024a is the lectotype.

Cnemidophorus martyris Stejneger

Proc. U.S. Nat. Mus., vol. 14, p. 407, 1891.

=*Cnemidophorus tigris martyris* Stejneger

HOLOTYPE: 15620, San Pedro Mártir Island, Gulf of California, Sonora, Mexico, E. Palmer.

PARATYPE: 15621, same data.

Cnemidophorus maximus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 15, p. 104, 1863.

HOLOTYPE: 5297, Cape San Lucas, Baja California, Mexico, J. Xantus, September 1859.

Cnemidophorus melanostethus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 15, p. 104, 1863.

=*Cnemidophorus tigris gracilis* Baird and Girard

COTYPES (2): 3067a (2, given incorrectly in original description as 3064), "Colorado River, California" (restricted to Yuma, Yuma County, Arizona), H. B. Möllhausen.

Cnemidophorus microlepidopus Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 93, 1877.

=*Cnemidophorus guttatus immutabilis* Cope

HOLOTYPE: 30187, west Tehuantepec, Oaxaca, Mexico (restricted to city of Tehuantepec), F. Sumichrast.

Cnemidophorus neomexicanus Lowe and Zweifel

Bull. Chicago Acad. Sci., vol. 9, p. 230, fig. 1c, pl. 1A, 1952.

PARATYPES (2): 132167–8, McDonald Ranch Headquarters, Socorro County, New Mexico, C. H. Lowe, Jr., Aug. 18, Aug. 3, 1947.

Cnemidophorus octolineatus Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10 (1858), p. 255, 1859.

=*Cnemidophorus inornatus* Baird

HOLOTYPE: 3009, Pesquería Grande, Nuevo León, Mexico, D. N. Couch.

Cnemidophorus perplexus Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 128, 1852.

LECTOTYPE: 3060, probably from western Texas. The original description states: "Collected . . . by Dr. William Gambel on his last journey to California."

Cnemidophorus praesignis Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 129, 1852.

=*Ameiva praesignis* (Baird and Girard)

COTYPE: 5519, Chagres, Panama, C. B. Adams. One cotype was exchanged to MZUM.

Cnemidophorus punctilinealis Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 475, 1919.

=*Cnemidophorus tigris aethiops* Cope

HOLOTYPE: 64447, ♂, Tiburón Island, Gulf of California, Sonora, Mexico, C. H. Townsend, Apr. 12, 1911.

PARATYPES (5): 64456–60, same data.

Cnemidophorus quadrilineatus Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 483, 1861.

=*Ameiva quadrilineata* (Hallowell)

COTYPES (2): 6053 (2), Greytown, Nicaragua, C. Wright.

Cnemidophorus sacki huico Zweifel

Bull. Amer. Mus. Nat. Hist., vol. 117, p. 85, pl. 43, pl. 44, figs. 1, 4, 1959.

=*Cnemidophorus sackii huico* Zweifel

PARATYPE: 47671, Acaponeta, Tepic, Mexico, E. W. Nelson and E. A. Goldman, June 23, 1897.

Cnemidophorus sacki stictogrammus Burger

Chicago Acad. Sci., Nat. Hist. Misc. No. 65, p. 5, 1950.

=*Cnemidophorus sackii stictogrammus* Burger

HOLOTYPE: 132456, Yank Springs, 6 miles southeast of Ruby, Santa Cruz County, Arizona, M. M. Hensley and W. L. Burger, Aug. 17, 1948.

Cnemidophorus septemvittatus Cope

Trans. Amer. Philos. Soc., ser. 2, vol. 17, p. 40, 1892.

=*Cnemidophorus sackii semifasciatus* Cope

HOLOTYPE: 42141, "El Dorado County California" (stricted to Marfa, Presidio County, Texas).

Cnemidophorus sexlineatus oligoporus Hoffman

Journ. Washington Acad. Sci., vol. 47, p. 351, 1957. (Not of Smith, 1939.)

=*Cnemidophorus sexlineatus pauciporus* Hoffman

HOLOTYPE: 135232, ♂, Griffith, Alleghany County, Virginia, R. L. Hoffman, May 27, 1953. 135233, allotype, same data.

PARATYPES (6): 125589, Wilson Creek, 2 miles northeast of Clifton Forge, Alleghany County, Virginia, R. L. Hoffman, June 13, 1945. 125590, Potts Creek Valley, 2 miles southwest of Covington, Alleghany County, Virginia, R. L. Hoffman, July 19, 1947. 125591, 1 mile north of Eagle Rock, Botetourt County, Virginia, 950 ft., R. L. Hoffman, Aug. 24, 1944. 133046, Clifton Forge, Alleghany County, Virginia, R. L. Hoffman, Sept. 26, 1944. 135235–6, Roxbury Hollow, Alleghany County, Virginia, R. L. Hoffman, May 19, 1944.

Cnemidophorus tessellatus aethiops Cope

Report of the U.S. National Museum . . . for the year ending June 30, 1898, p. 582, 1900.

=*Cnemidophorus tigris aethiops* Cope

COTYPES (5): 64240–1, 64243–5, Hermosillo, Sonora, Mexico, O. P. Jenkins and B. W. Evermann, July 4–8, 1887. 64242 was exchanged to MCZ in 1944.

Cnemidophorus tessellatus multiscutatus Cope

Trans. Amer. Philos. Soc., vol. 17, p. 38, 1892.

=*Cnemidophorus tigris multiscutatus* Cope

COTYPES (4): 15160–3, Cedros Island (given as "Cerros Island" in original description), Baja California, Mexico, U.S. Fish Commission *Albatross*, May 5, 1888.

Cnemidophorus tessellatus rubidus Cope

Trans. Amer. Philos. Soc., ser. 2, vol. 17, p. 36, pl. 12, fig. F, 1892.

=*Cnemidophorus tigris rubidus* Cope

COTYPES (7): 15149–55, Santa Margarita Island, Baja California, Mexico, U.S. Fish Commission *Albatross*, May 2, 1888.

Cnemidophorus tigris Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 69, 1852.

=*Cnemidophorus tigris tigris* Baird and Girard

LECTOTYPE: 4103, valley of the Great Salt Lake, Utah, H. Stansbury.

PARATYPES (4): 3047 (4), same data.

Cnemidophorus undulatus Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 94, 1854. (Not of Wiegmann, 1834.)

=*Cnemidophorus tigris gracilis* Baird and Girard

Cotypes (2): 3040 (2), Fort Miller, Fresno County, California (restricted to Imperial County, California, near Yuma, Arizona), A. L. Heermann.

Cnemidophorus unicolor Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 93, 1877.

=*Cnemidophorus guttatus guttatus* Wiegmann

Holotype: 30385, Juchitán, Oaxaca, Mexico, F. Sumichrast.

Cnemidophorus vandenburghi Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 477, 1919.

=*Cnemidophorus tigris rubidus* Cope

Holotype: 64449, Carmen Island, Gulf of California, Baja California, Mexico, C. H. Townsend, Apr. 2, 1911.

Cnemidophorus variolosus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 15, p. 39, 1863.

=*Cnemidophorus tigris variolosus* Cope

Holotype: 3066, Alamo de Parras, Coahuila, Mexico, D. N. Couch.

Coleonyx brevis Stejneger

North Amer. Fauna, No. 7, p. 163, 1893.

=*Coleonyx variegatus brevis* Stejneger

Holotype: 13627, Helotes, Bexar County, Texas, G. W. Marnock, Nov. 30, 1883.

Paratypes (5): 42471–3, 50040–1 (all formerly 13627, which originally had 6 specimens), same data.

Coleonyx variegatus abbotti Klauber

Trans. San Diego Soc. Nat. Hist., vol. 10, p. 154, 1945.

Paratype: 62247, Calmallí, Baja California, Mexico, E. W. Nelson and E. A. Goldman, 1905.

Coleonyx variegatus bogerti Klauber

Trans. San Diego Soc. Nat. Hist., vol. 10, p. 176, 1945.

Paratypes (4): 104256–9, Roosevelt Reservoir, Gila County, Arizona. E. L. Little, Jr., 1936–38.

Coleonyx variegatus peninsularis Klauber

Trans. San Diego Soc. Nat. Hist. vol. 10, p. 160, 1945.

Paratype: 67382, ♂, between Loreto and Comondú, Baja California, Mexico, W. M. Mann, February 1924.

Coleonyx variegatus sonoriensis Klauber

Trans. San Diego Soc. Nat. Hist., vol. 10, p. 162, 1945.

Paratypes (2): 134301, San Carkis Bay, La Posa, Sonora, Mexico, E. H. Taylor, Aug. 8, 1934. 16808, Nogales, Arizona? (probably Nogales in Sonora, Mexico), P. L. Jouy.

Crotaphytus baileyi Stejneger

North Amer. Fauna, No. 3, p. 103, pl. 12, fig. 1, 1890.

=*Crotaphytus collaris baileyi* Stejneger

Holotype: 15821, Painted Desert, Little Colorado River, Arizona, C. H. Merriam and V. Bailey, Sept. 26, 1889.

Paratypes (6) : 15822–7, Painted Desert, Little Colorado River, Arizona, C. H. Merriam and V. Bailey, Sept. 21–26, 1889.

Crotaphytus copei Yarrow

Proc. U.S. Nat. Mus., vol. 5, p. 441, 1882.

=*Gambelia wislizenii wislizenii* (Baird and Girard)

Holotype: 12663, La Paz, Baja California, Mexico, L. Belding, 1882.

Crotaphytus dickersonae Schmidt

Bull. Amer. Mus. Nat. Hist., vol. 46, p. 638, fig. 2, 1922.

Holotype: 64451, ♀, Tiburón Island, Gulf of California, Sonora, Mexico, C. H. Townsend, Apr. 12, 1911.

Crotaphytus dorsalis Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 126, 1852.

=*Dipsosaurus dorsalis* (Baird and Girard)

Holotype: 2699, Colorado Desert, California (restricted to Winterhaven, Imperial County), J. L. LeConte.

Crotaphytus fasciatus Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 207, 1852.

=*Gambelia wislizenii wislizenii* (Baird and Girard)

Holotype: 2736, Jornada del Muerte, Dona Ana County, New Mexico, S. W. Woodhouse.

Crotaphytus gambelii Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 126, 1852.

=*Gambelia wislizenii wislizenii* (Baird and Girard)

Holotype: 2722, California, W. Gambel.

Crotaphytus reticulatus Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10, p. 253, 1858.

Cotypes (4) : 2692 (3), Ringgold Barracks, Montague County, Texas, J. H. Clark. 2731, below Laredo, Webb County, Texas, A. Schott.

Crotaphytus silus Stejneger

North Amer. Fauna, No. 3, p. 105, 1890.

=*Gambelia wislizenii silus* (Stejneger)

Holotype: 11790A, Fresno, Fresno County, California, G. Eisen.

Paratypes (8) : 104578–85, same data.

Crotaphytus wislizenii Baird and Girard

in Stansbury, Report Expl. and Surv. Valley of the Great Salt Lake of Utah . . . , p. 340, pl. 3, 1852.

=*Gambelia wislizenii wislizenii* (Baird and Girard)

HOLOTYPE: 2770, Colorado, H. B. Möllhausen. The original description states: "Figured specimen caught near Santa Fe, New Mexico, by Dr. Wislizenus."

Ctenosaura bakeri Stejneger

Proc. U.S. Nat. Mus., vol. 23, p. 467, 1901.

=*Enyaliosaurus bakeri* (Stejneger)

HOLOTYPE: 26317, Utilla Island, Honduras, J. E. Jarnigan, 1897.

PARATYPE: 25324, same data.

Ctenosaura brevirostris Cope

Proc. Amer. Philos. Soc., vol. 23, p. 268, 1886.

=*Ctenosaura pectinata* (Wiegmann)

COTYPES (2): 24708–9, Colima, Colima, Mexico, J. Xantus.

Ctenosaura clarkii Bailey

Proc. U.S. Nat. Mus., vol. 73, No. 2733, p. 44, pl. 27, 1928.

=*Enyaliosaurus clarkii* (Bailey)

PARATYPE: 21449 (given incorrectly as 21499 in original description), Mexico, Mexican Commission through F. Ferrari-Perez.

Ctenosaura completa Bocourt

Récherches zoologiques, *in* Mission Scientifique au Mexique et dans l'Amérique Centrale, pt. 3, p. 145, 1874.

=*Ctenosaura similis similis* (Gray)

COTYPE: 11003, Mexico, MHNP.

Ctenosaura conspicuosa Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 461, 1919.

=*Ctenosaura hemilopha* (Cope)

COTYPE: 64140, ♂, San Estéban Island, Gulf of California, Sonora, Mexico, C. H. Townsend, Apr. 13, 1911.

Ctenosaura insulana Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 462, 1919.

=*Ctenosaura hemilopha* (Cope)

HOLOTYPE: 64439, ♂, Ceralvo Island, Gulf of California, Baja California, Mexico, C. H. Townsend, Apr. 19, 1911.

Ctenosaura multispinis Cope

Proc. Amer. Philos. Soc., vol. 23, p. 267, 1886.

=*Ctenosaura acanthura* (Shaw)

COTYPE: 72737 (skin), ♂, Dondominguillo, Oaxaca, Mexico, F. Sumichrast, Aug. 10, 1868.

Ctenosaura palearis Stejneger

Proc. U.S. Nat. Mus., vol. 21, p. 381, 1898.

=*Enyaliosaurus palearis* (Stejneger)

HOLOTYPE: 22703, ♂, Gualán, Guatemala, K. I. P. McElroy.

PARATYPES (2): 22704, ♂, 24459, ♂, same data.

Ctenosaura parkeri Bailey

Proc. U.S. Nat. Mus., vol. 73, No. 2733, p. 29, pls. 14–15, 1928.

=*Ctenosaura pectinata* (Wiegmann)

HOLOTYPE: 18967, ♀, Barranca Ibarra, Jalisco, Mexico, P. L. Jouy, Apr. 22, 1892.

PARATYPE: 18970, same data.

Ctenosaura teres brachylopha Cope

Proc. Amer. Philos. Soc., vol. 23, p. 269, 1886.

=*Ctenosaura pectinata* (Wiegmann)

COTYPES (4): 7180–3, Mazatlán, Sinaloa, Mexico, F. Bischoff. Stuffed skins.

Cyclura carinata bartschi Cochran

Journ. Washington Acad. Sci., vol. 21, p. 39, 1931.

HOLOTYPE: 81212, ♂, Booby Cay, east of Mariguana Cay, Bahama Islands, P. Bartsch, July 21, 1930.

PARATYPES (4): 81213–5, 81217, same data. 81216 was exchanged to MCZ in 1934.

Cyclura (Ctenosaura) hemilopha Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 15, p. 105, 1863.

=*Ctenosaura hemilopha* (Cope)

COTYPES (5): 5295 (4), near Soria Ranch, Cape San Lucas, Baja California, Mexico, J. Xantus, September 1859. 69489, San Nicholás, between Cape San Lucas and La Paz, Baja California, Mexico, J. Xantus, September 1859.

Cyclura mattea Miller

Proc. U.S. Nat. Mus., vol. 54, p. 509, pl. 81, fig. 4, 1918.

HOLOTYPE: 59358, Magen's Bay, St. Thomas, Virgin Islands, T. de Booy.

PARATYPE: 59359, same data. Both holotype and paratype consist only of a left humerus of this apparently extinct form.

Cyclura nigerrima Cope

Proc. Amer. Philos. Soc., vol. 23, p. 264, 1886.

HOLOTYPE: 9974, Navassa Island, West Indies, G. A. Otis, July 1878.

Cyclura onchiopsis Cope

Amer. Nat., vol. 19, p. 1006, 1885.

=*Cyclura nigerrima* Cope

COTYPE: 9977, Navassa Island, West Indies, H. E. Klotz, July 1878. 12239, juvenile, from Navassa Island collected by W. J. Rasin, is probably also a cotype. One cotype from 9977 was exchanged to MCZ.

Cyclura rileyi Stejneger

Proc. Biol. Soc. Washington, vol. 16, p. 130, 1903.

HOLOTYPE: 31969, ♀, Watling Island, Bahama Islands, J. H. Riley, July 13, 1903.

PARATYPES (4): 31965–6, 31970–1, same data. 31964 was exchanged to MCZ in 1913; 31967 to UIMNH, 1956.

Cyclura stejnegeri Barbour and Noble

Bull. Mus. Comp. Zool., vol. 60, p. 163, pl. 12, figs. 1–2, 1916.

HOLOTYPE: 29367, Mona Island, Puerto Rico, B. S. Bowdish, August 1901.

PARATYPE: 29366, skin and humerus, same data. 29365 was exchanged to MCZ in 1915.

Daconura bivittata Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 482, 1861.

=*Basiliscus vittatus* Wiegmann

HOLOTYPE: 6056, Nicaragua, C. Wright.

Dactyloperus insulensis Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 10, p. 197, 1858.

=*Peropus mutilatus* Gray

PROBABLE COTYPE: 21219, Sandwich Islands (Hawaiian Islands), U.S. Exploring Expedition, 1840–41. Dr. Stejneger left this note: "Found in collection without data, but in a bottle similar to the other exploring expedition specimens."

Deiroptyx bartschi Cochran

Proc. Biol. Soc. Washington, vol. 41, p. 169, 1928.

HOLOTYPE: 75805, Baños San Vicente, Pinar del Río, Cuba, P. Bartsch, June 25, 1928.

PARATYPES (22): 51820, 51829–38, Viñales, Cuba, J. B. Henderson and P. Bartsch, May 30, 1914. 54417–8, Luis Lazo, Cuba, J. B. Henderson and P. Bartsch, 1916. 75797–804, 75806, Baños San Vicente, Pinar del Río, Cuba, P. Bartsch, June 25, 1928. 51825 was exchanged to MCZ in 1928; 51826 to BMNH, 1929; 51827 to R; 51828 to UIMNH, 1956.

Dicrodon holmbergi Schmidt

Chicago Nat. Hist. Mus., Fieldiana: Zoology, vol. 39, p. 66, figs. 10–11, 1957.

HOLOTYPE: 127823, Virú Valley, Peru, A. Holmberg, April 1948.

PARATYPES (2): 127824–5, same data. 127822 was exchanged to CNHM in 1957.

Diphalus fenestratus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 13, p. 76, 1861.

=*Amphisbaena fenestrata* (Cope)

COTYPE: 11715, St. John, Virgin Islands, A. H. Riise.

Diplodactylus inexpectatus Stejneger

Proc. U.S. Nat. Mus., vol. 16, p. 714, 1894.

HOLOTYPE: 20433, Ile Mahé, Seychelles Islands (Indian Ocean), W. L. Abbott, 1892.

Diplodactylus unctus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 15, p. 102, 1863.

=*Phyllodactylus unctus* (Cope)

COTYPE: 5304, Cape San Lucas, Baja California, Mexico, J. Xantus, March 1860.

Diploderma polygonatum Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 490, 1861.

=*Japalura polygonata* (Hallowell)

HOLOTYPE: 12203, Amakarima, Riu Kiu (Ryukyu) Islands, J. Rodgers, April 1855.

Diploglossus chalybaeus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 321, 1867.

=*Celestus enneagrammus* (Cope)

COTYPE: 6603, Mount Orizaba, Veracruz, Mexico, 4,000–6,000 ft., F. Sumichrast.

Diploglossus steindachneri Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 16, p. 179, 1864.

=*Celestus enneagrammus* (Cope)

HOLOTYPE: 6342, Orizaba, Veracruz, Mexico, F. Sumichrast.

Dipso-saurus dorsalis sonoriensis Allen

Occ. Pap. Mus. Zool. Univ. Michigan, No. 259, p. 4, 1933.

=*Dipsosaurus dorsalis sonoriensis* Allen

PARATYPE: 93206 (formerly MZUM 72128), 5 miles south of Hermosillo, Sonora, Mexico, M. J. Allen, July 1, 1932.

Doryura vulpecula Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 9, p. 197, 1857.

=*Hemidactylus garnotii* Duméril and Bibron

PROBABLE COTYPES (2): 11288 (2), Sandwich Islands? (Hawaii?), U.S. Exploring Expedition, 1840–41.

Draco mindanensis Stejneger

Proc. U.S. Nat. Mus., vol. 33, p. 677, 1908.

Holotype: 37388, Catagan, at base of Malindang Mountain, Mindanao, Philippine Islands, E. A. Mearns, May 11, 1906.

Paratype: 37387, same data.

Elgaria grandis Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 176, 1852.

=*Gerrhonotus multicarinatus scincicaudus* Skilton

Holotype: 9057, Oregon, U.S. Exploring Expedition, 1841.

Elgaria nobilis Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 129, 1852.

=*Gerrhonotus kingii* Gray

Cotypes (2): 3076 (2), Copper Mines of the Gila (Santa Rita del Cobre), Fort Webster (Luna County), New Mexico, J. H. Clark.

Elgaria principis Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 175, 1852.

=*Gerrhonotus coeruleus principis* (Baird and Girard)

Cotypes (3): 3106, "Oregon" (restricted to Puget Sound, Washington), U.S. Exploring Expedition, 1841. 5134 (2), Puget Sound, C. J. Pickering.

Emoa nigrita Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 10, p. 197, 1858.

=*Emoia nigrita* Girard

Holotype: 5631, Navigator Islands, Polynesia, U.S. Exploring Expedition, 1839.

Emoia arnoensis Brown and Marshall

Copeia, No. 4, p. 201, 1953.

Holotype: 132131, ♀, Chittakinmatoroen Island, Arno Atoll, Marshall Islands, J. T. Marshall, Jr., Aug. 15, 1950.

Paratypes (4): 132133, 132135, Eneman Island, Arno Atoll, Marshall Islands, J. T. Marshall, Jr., Aug. 25, 1950. 132134, East Tagelib Islet, Arno Atoll, Marshall Islands, J. T. Marshall, Jr., Aug. 26, 1950. 132138, Chittakinmatoroen Island, Arno Atoll, Marshall Islands, J. T. Marshall, Jr., Aug. 15, 1950.

Emoia boettgeri orientalis Brown and Marshall

Copeia, No. 4, p. 204, 1953.

Holotype: 132132, ♂, Ine Island, Arno Atoll, Marshall Islands, J. T. Marshall, Jr., July 30, 1950.

Paratypes (4): 132137, 132140, same data. 132138, Dodo Island, Arno Atoll, Marshall Islands, J. T. Marshall, Jr., Aug. 26, 1950. 132139, Autore Island, Arno Atoll, Marshall Islands, J. T. Marshall, Jr., July 19, 1950.

Emoia frenata Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 187, 1862.

=*Mabuya frenata* (Cope)

Cotype: 5855, Paraguay, T. J. Page.

Epaphelus sumichrasti Cope

Journ. Acad. Sci. Philadelphia, ser 2, vol. 8 (1875), p. 115, 1876.

=*Gymnophthalmus sumichrasti* (Cope)

Cotypes (2): 30245–6, near Ventose Bay, Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Eremias hoehneli Stejneger

Proc. U.S. Nat. Mus., vol. 16, p. 719, 1894.

Holotype: 20077, from the coast to Hameye, Tana River, East Africa (Kenya), W. A. Chanler, November 1892.

Eremias nitida garambensis Schmidt

Bull. Amer. Mus. Nat. Hist., vol. 39, p. 511, text-figs. 18–19, 1919.

Paratype: 62014 (formerly AMNH 10708), Garamba, Belgian Congo, Lang-Chapin Expedition, June 1912.

Eremias sextaeniata Stejneger

Proc. U.S. Nat. Mus., vol. 16, p. 718, 1894.

=*Eremias spekii sextaeniata* Stejneger

Holotype: 20080, from the coast to Hameye, Tana River, British East Africa (Kenya), W. A. Chanler, November 1892.

Paratype: 20079, same data.

Euchirotes biporus Cope

Amer. Nat., vol. 28, p. 436, figs. 5a–e, 1894.

=*Bipes biporus* (Cope)

Holotype: 21324 (formerly 12599), La Paz, Baja California, Mexico, L. Belding, 1882.

Paratypes (2): 8568, Cape San Lucas, Baja California, Mexico, T. H. Streets. 12599, La Paz, Cape San Lucas, Baja California, Mexico, L. Belding, 1882.

Eumeces brevilineatus Cope

U.S. Nat. Mus. Bull. 17, p. 18, 1880.

Cotypes (2): 10159 (2), Helotes Creek, Bexar County, Texas (given as "20 miles northwest of San Antonio" in original description), G. W. Marnock, May 1879. The lectotype is 10159a.

Eumeces brevirostris bilineatus Tanner

Great Basin Nat., vol. 18, p. 59, fig. 2, 1958.

Paratype: 64666, La Laguna, Jalisco, Mexico, E. W. Nelson and E. A. Goldman, Mar. 23, 1897.

Eumeces copei Taylor

Proc. Biol. Soc. Washington, vol. 46, p. 133, 2 figs., 1933.

PARATYPES (3): 7037, overland route, probably Mexico. 32291, Valley of Mexico and Toluca, Mexico, C. T. Hoege, 1884–85. 92547, 10 miles from Asunción, Mexico, Mexico, E. H. Taylor and H. M. Smith, Aug. 6, 1932.

Eumeces epipleurotis Cope

U.S. Nat. Mus. Bull. 17, p. 40, 1880.

=*Eumeces multivirgatus* Hallowell

COTYPES (2): 5263, northern boundary of Texas, J. H. Clark. 9219 (formerly 5411), Platte River, Fort Kearney, Buffalo County, Nebraska, C. S. McCarthy.

Eumeces indubitus Taylor

Univ. Kansas Sci. Bull., vol. 21 (1933), p. 258, pls. 24–25, 1934.

PARATYPE: 92548, ♂, near Asunción, Mexico, Mexico, E. H. Taylor and H. M. Smith, Aug. 6, 1932.

Eumeces lagunensis Van Denburgh

Proc. California Acad. Sci., ser. 2, vol. 5, p. 134, pl. 13, 1895.

NEOTYPE: 67398, on the trail between Loreto and Comondú, Lower California, Mexico, W. M. Mann, February 1924. This designation of neotype may be invalid since the designated specimen is not from the original type locality, given as San Francisquito, Sierra de la Laguna, Baja California, Mexico, fide H. M. Smith.

NEOPARATYPES (5): 67399–67403, same data.

Eumeces latiscutatus okadae Stejneger

U.S. Nat. Mus. Bull. 58, p. 200, fig. 181, 1907.

HOLOTYPE: 23891, Miyakeshima, Idzu Seven Islands (Izu-shichito), Japan, N. Okada, May 3, 1887.

PARATYPES (5): 23892, 36534, same data. 23895–6, 36532, Niishima, Idzu Seven Islands, Japan, N. Okada, 1887. 36531 was exchanged to CAS; 36533 to MCZ, 1944.

Eumeces managuae Dunn

Proc. Biol. Soc. Washington, vol. 46, p. 67, 1933.

HOLOTYPE: 89474, ♂, Aviation Field, Managua, Nicaragua, J. H. Ivy, 1932.

Eumeces marginatus amamiensis Van Denburgh

Advance diagnoses of new reptiles and amphibians from the Loo Choo Islands and Formosa, p. 4, July 29, 1912 (published privately, San Francisco, California).

=*Eumeces oshimensis* Thompson

PARATYPE: 64210 (CAS 21547), Amami Oshima, Loo Choo (Ryukyu) Islands, V. Kuhne, May 1, 1910.

Eumeces multilineatus Tanner

Great Basin Nat., vol. 17, p. 111, fig. 1a, 1957.

PARATYPE: 30833, Chihuahua, Mexico, H. H. and C. S. Brimley.

Eumeces ochoterenae Taylor

Proc. Biol. Soc. Washington, vol. 46, p. 129, 2 figs., 1933.

PARATYPE: 92549, between Rincón and Cajones, south of Chilpancingo, Guerrero, Mexico, E. H. Taylor and H. M. Smith, July 1, 1932.

Eumeces parviauriculatus Taylor

Proc. Biol. Soc. Washington, vol. 46, p. 178, fig. 2, 1933.

HOLOTYPE: 47536, near Álamos, Sonora, Mexico, E. A. Goldman, Jan. 5, 1899.

Eumeces parvulus Taylor

Proc. Biol. Soc. Washington, vol. 46, p. 175, fig. 1, 1933.

HOLOTYPE: 56903, Tepic, Nayarit, Mexico, J. Hurter (donor), Apr. 10, 1910.

Eumeces pekinensis Stejneger

Occ. Pap. Boston Soc. Nat. Hist., vol. 5, p. 120, 1924.

HOLOTYPE: 60863, Hsin-Lung-Shan District, Chili Province, Imperial Hunting Grounds, North China, A. de C. Sowerby, August 1917.

PARATYPES (2): 60864–5, same data.

Eumeces pluvialis Cope

U.S. Nat. Mus. Bull. 17, p. 19, 1880.

=*Eumeces anthracinus pluvialis* Cope

NEOTYPE: 75291, Mobile, Mobile County, Alabama, H. P. Löding.

Eumeces quadrilineatus Hallowell

Report upon the reptiles collected on the survey, *in* Report U.S. Pacific R.R. Explor. and Surv., vol. 10, pt. 4, p. 10, pl. 9, figs. 3a–d, 1859. (Not of Blyth, 1853.)

=*Eumeces skiltonianus skiltonianus* (Baird and Girard)

HOLOTYPE: 3168, near Mojave River in San Bernardino Valley, California (restricted to Mojave River), A. L. Heermann.

Eumeces quadrivirgatus Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 502, 1861.

=*Eumeces quadrilineatus* (Blyth)

HOLOTYPE: 7498, Hong Kong (off the mainland of China), D. Wright and W. Stimpson, May 4, 1854.

Eumeces septentrionalis pallidus Smith and Slater

Trans. Kansas Acad. Sci., vol. 52, p. 438, 1949.

PARATYPE: 58337, Paisano, Brewster County, Texas, J. Hurter, Apr. 30, 1905.

Eumeces skiltonianus brevipes Cope

Report of the U.S. National Museum . . . for the year ending June 30, 1898, p. 643, 1900.

=*Eumeces gilberti gilberti* Van Denburgh

HOLOTYPE: 12558, Fresno, Fresno County, California, G. Eisen.

Eumeces skiltonianus interparietalis Tanner

Great Basin Nat., vol. 17, p. 73, 1957.

PARATYPES (5): 23723, San Pedro Mountain, Baja California, Mexico, C. H. Townsend, 1889. 37686, Todos Santos Islands, Baja California, Mexico, E. W. Nelson and E. A. Goldman, May 21, 1905. 52412, North Island, Los Coronados Islands, Baja California, Mexico, A. E. Colburn, June 2, 1915. 64401, Los Coronados Islands, Baja California, Mexico, W. P. Taylor, Apr. 5, 1921. 75082, North Coronado Island, Baja California, Mexico, A. Wetmore, May 6, 1928.

Eumeces tunganus Stejneger

Journ. Washington Acad. Sci., vol. 14, p. 384, 1924.

HOLOTYPE: 66736, near Luting-Chiao, Szechwan, China, 5,000–6,000 ft., D. C. Graham, Aug. 9, 1923.

PARATYPE: 66737, same data.

Euphryne obesus Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10 (1858), p. 253, 1859.

=*Sauromalus obesus obesus* (Baird)

COTYPE: 4172, Fort Yuma (Imperial County), California, A. Schott and G. G. Thomas.

Euprepis venustus Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 9 (1857), p. 195, 1858.

=*Mabuya delalandii* (Gray)

HOLOTYPE: 12205, San Jago, Cape Verde Islands, (off West Africa), U.S. Exploring Expedition, 1838.

Gaigeia dontomasi Smith

Proc. U.S. Nat. Mus., vol. 92, p. 374, 1942.

HOLOTYPE: 111473, Lachiguirí, Oaxaca, Mexico, 7,100 ft., T. MacDougall, Jan. 20, 1940.

PARATYPE: 111474, same data.

Gaigeia radula Smith

Proc. U.S. Nat. Mus., vol. 92, p. 376, 1942.

HOLOTYPE: 111472, ♀, San José Manteca, Oaxaca, Mexico, H. M. Smith, May 1940.

Gehyra vorax Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 9 (1857), p. 197, 1858.

COTYPES (3): 5698, Raraka Island, Tahiti, U.S. Exploring Expedition, 1840. 5699 (2), Fiji Islands, U.S. Exploring Expedition, 1840. One cotype from 5699 was exchanged to ANSP.

Gekko indicus Girard

in U.S. Exploring Expedition . . .: Herpetology, p. 290, pl. 16, figs. 9–16 (atlas), 1858.

=*Gekko gekko* (Linnaeus)

HOLOTYPE: 5681, Mangsi Island, Balabac Strait, Philippine Islands, U.S. Exploring Expedition, 1842.

Gerrhonotus alfaroi Stejneger

Proc. U.S. Nat. Mus., vol. 32, p. 505, 1907.

=*Barisia monticola* (Cope)

HOLOTYPE: 37342, Santa María, northeast of Laguna, Costa Rica, 2,000 m., J. F. Tristan, January 1907.

Gerrhonotus auritus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 20 (1868), p. 306, 1869.

=*Abronia aurita* (Cope)

HOLOTYPE: 6769, Vera Paz, Guatemala, H. Hague.

Gerrhonotus gramineus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 16, p. 179, 1864.

=*Abronia taeniata graminea* (Cope)

COTYPES (4): 6327 (4), Orizaba, Veracruz, Mexico, F. Sumichrast.

Gerrhonotus infernalis Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10 (1858), p. 255, 1859.

=*Gerrhonotus liocephalus infernalis* Baird

HOLOTYPE: 3090. Devils River, Texas, C. B. R. Kennerly.

Gerrhonotus levicollis ciliaris Smith

Proc. U.S. Nat. Mus., vol. 92, p. 365, 1942.

=*Barisia imbricata ciliaris* (Smith)

HOLOTYPE: 47496, Sierra Guadelupe, Coahuila, Mexico, 9,500 ft., E. W. Nelson and E. A. Goldman, Apr. 28, 1902.

PARATYPES (8): 46723–4, Sierra Madre, Zacatecas, Mexico, 8,500 ft., E. W. Nelson and E. A. Goldman, Aug. 17, 1897. 46843, Indé, Durango, Mexico, 6,500 ft., E. W. Nelson and E. A. Goldman, Aug. 14, 1898. 47208–

10, mountains near Jesús María, San Luis Potosí, Mexico, E. W. Nelson and E. A. Goldman, Sept. 4, 1892. 47497–8, Sierra Guadelupe, Coahuila, Mexico, 9,500 ft., E. W. Nelson and E. A. Goldman, Apr. 28, 1902. 47207 was exchanged to UIMNH in 1956.

Gerrhonotus monticolus Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 97, 1877.

=*Barisia monticola* (Cope)

Holotype: 30591, Pico Blanco summit, 11,500 ft., Costa Rica, W. M. Gabb.

Gerrhonotus olivaceus Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10 (1858), p. 255, 1859.

=*Barisia imbricata imbricata* (Wiegmann)

Cotypes (2): 3096 (2), Mexico (given as "near San Diego" in original description), A. Schott.

Gerrhonotus ophiurus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 321, 1867.

=*Gerrhonotus liocephalus ophiurus* Cope

Holotype: 30206, Orizaba, Veracruz, Mexico, F. Sumichrast.

Gerrhonotus scincicauda palmeri Stejneger

North Amer. Fauna, No. 7, p. 196, 1893.

=*Gerrhonotus coerulea palmeri* (Stejneger)

Holotype: 18606, ♂, south fork, King's River, Fresno County, California, T. S. Palmer, 1891.

Paratypes (9): 18607–9, ♀, ♀, ♂, east fork, Kaweah River, California, V. O. Bailey, Aug. 1–8, 1891. 18610–11, ♂, ♀, Soda Springs, north fork, Kern River, California, E. W. Nelson, Sept. 6, 1891. 18612, ♀, north fork, Kern River, California, E. W. Nelson, Sept. 15, 1891. 18613, ♂, Soda Springs, north fork, Kern River, California, V. O. Bailey, Aug. 15, 1891. 18614, ♀, Sequoia National Park, California, A. K. Fisher, Aug. 2, 1891. 18615, ♀, Mineral King, California, 8,000 ft., V. O. Bailey, Aug. 6, 1891.

Gerrhonotus webbii Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10 (1858), p. 255, 1859.

=*Elgaria multicarinata webbii* (Baird)

Holotype: 3078, restricted to vicinity of San Diego, San Diego County, California (original description states: "San Diego to El Paso"), T. H. Webb.

Gonatodes atricucullaris Noble

Ann. New York Acad. Sci., vol. 29, p. 135, 1921.

Paratypes (10): 64040–44, Bellavista, Peru, H. C. Raven, 1916. 75941–5, Bellavista, Peru, G. K. Noble, 1916. 64039 was exchanged to UIMNH in 1956.

Gonatodes nigridius Smith

Sarawak Mus. Journ., vol. 3, p. 22, 1925.

PARATYPE: 76632, ♀, Lundu, Mount Gadin, North Borneo, M. A. Smith.

Gonocephalus abbotti Cochran

Proc. U.S. Nat. Mus., vol. 60, Art. 2421, p. 1, 1922.

HOLOTYPE: 24028, ♀, Trang, Lower Siam (Thailand), W. L. Abbott.

Heloderma suspectum Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 21, p. 5, 1869.

COTYPES (3): 2971 (3), Sierra de la Union, Sonora (Arizona), A. Schott.

Hemidactylus inornatus Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 492, 1861.

=*Hemidactylus frenatus* Gray

COTYPES (3): 7429 (3), Loo Choo (Ryukyu Islands), W. Stimpson, November 1854.

Hemiphyllodactylus leucostictus Stejneger

Proc. U.S. Nat. Mus., vol. 21, p. 800, 1899.

HOLOTYPE: 23500, Kauai, Hawaii, V. Knudsen, May 1895.

PARATYPES (5): 21220, probably Hawaii, U.S. Exploring Expedition?, 1840?. 23459, Hawaii Island, Hawaii, H. W. Henshaw. 23485, 23499, Kauai, Hawaii, V. Knudsen, May 1895. 23509, Honolulu, Oahu, Hawaii, L. Stejneger, Nov. 17, 1896. 23460 was exchanged to R.

Heteronota pelagica Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 9 (1857), p. 197, 1858.

=*Gymnodactylus pelagicus* (Girard)

COTYPES (2): 5626 (2), Fiji Islands, U.S. Exploring Expedition, 1840.

Hispaniolus pratensis Cochran

Proc. Biol. Soc. Washington, vol. 41, p. 49, 1928.

HOLOTYPE: 69189, near San Michel, Haiti, G. S. Miller, Jr., Mar. 23, 1925.

PARATYPES (4): 69184–6, 59188, L'Atalaye Plantation, Haiti, G. S. Miller, Jr., Apr. 6, 1925. 69187 was exchanged to MCZ in 1959.

Holbrookia affinis Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 125, 1852.

=*Holbrookia texana texana* Troschel

COTYPES (3): 2662 (3), along Rio San Pedro of the Rio Grande del Norte, Texas, J. H. Clark.

Holbrookia dickersonae Schmidt

Amer. Mus. Novit., No. 22, p. 2, 1921.

=*Holbrookia maculata dickersonae* Schmidt

HOLOTYPE: 2668a, Castañuelas, Coahuila, Mexico, D. N. Couch.

PARATYPES (5): 2668b–d, same data. 2664 (2), Alamos de Parras, Coahuila, Mexico, D. N. Couch.

Holbrookia lacerata Cope

U.S. Nat. Mus. Bull. 17, p. 15, 1880.

=*Holbrookia lacerata lacerata* Cope

COTYPES (2): 10160 (2), Helotes, Bexar County, Texas, G. W. Marnock, May 1879.

Holbrookia lacerata subcaudalis Axtell

Bull. Chicago Acad. Sci., vol. 10, p. 174, pl. 2, figs. 1–2, 1956.

PARATYPES (3): 32899, near Cotulla, La Salle County, Texas, H. C. Oberholser, May 9, 1900. 46697, Sabinas, Coahuila, Mexico, E. W. Nelson and E. A. Goldman, May 27, 1902. 81988, Sinton, San Patricio County, Texas, J. D. Mitchell, Oct. 11, 1913. These specimens were used as paratypes, but were not so listed in original description.

Holbrookia maculata perspicua Axtell

Bull. Chicago Acad. Sci., vol. 10, p. 166, pl. 1, figs. 1–2, 1956.

PARATYPES (13): 4692 (3), Neosho Falls, Woodson County, Kansas, B. F. Goss. 22150–1, 10 miles from China Springs, Waco, McLennan County, Texas, H. H. and C. S. Brimley, June 8, 11, 1894. 32908–13, Henrietta, Clay County, Texas, H. C. Oberholser, July–August, 1900. 44981, Mayers, Comanche County, Oklahoma, J. H. Gaut, Apr. 28, 1904. 83123, 3 miles southwest of Dallas, Dallas County, Texas, C. E. Burt, 1930. These specimens were used as paratypes, but were not so listed in original description.

Holbrookia propinqua Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 126, 1852.

=*Holbrookia propinqua propinqua* Baird and Girard

COTYPES (7): 2671 (7), between Indianola and San Antonio, Texas (restricted to 9 miles southwest of Somerset, Atascosa County), J. H. Clark.

Holbrookia propinqua piperata Smith and Burger

Trans. Kansas Acad. Sci., vol. 53, p. 167, 1950.

PARATYPE: 137212, (formerly UIMNH 4049), ♀, Etiopia, 2 miles south of Tecolutla, Veracruz, Mexico, F. A. Shannon, W. L. Burger, and L. Firschein, Apr. 24, 1949.

Holbrookia pulchra Schmidt

Amer. Mus. Novit., No. 22, p. 1, 1921.

=*Holbrookia maculata pulchra* Schmidt

PARATYPES (20): 13973 (2), Tucson (Pima County), Arizona, E. W. Nelson, Aug. 18, 1884. 14749, Fort Huachuca (Cochise County), Arizona, H. C. Benson, Aug. 3, 1887. 5025 (3), Fort Buchanan, Arizona, B. J. D.

Irwin. 17228–33, Towne's Ranch, Nogales (Santa Cruz County), Arizona, P. L. Jouy, May 23, 1891. 19371–3, 19432, Mexican boundary, E. A. Mearns, 1892. 46980, Nogales, Sonora, Mexico, V. O. Bailey, Oct. 17, 1889. 47423–5, Mexico, U.S. Biological Survey. 17227 was exchanged to UIMNH in 1956.

Holbrookia thermophila Barbour

Proc. New England Zool. Club, vol. 7, p. 79, 1921.

=*Holbrookia maculata thermophila* Barbour

PARATYPE: 120762 (formerly MCZ 14289), San José de Guaymas, Sonora, Mexico, W. W. Brown, Jr., 1908.

Homalosaurus ventralis Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 179, 1852.

=*Callisaurus draconoides ventralis* (Hallowell)

HOLOTYPE: 2670, "west of the Rio Grande, New Mexico" (restricted to Tucson, Pima County, Arizona), S. W. Woodhouse.

Hombronia fasciolaris Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 9 (1857), p. 196, 1858.

=*Leiolopisma fasciolaris* (Girard)

HOLOTYPE: 5685, Bay of Islands, New Zealand, U.S. Exploring Expedition, March 1840.

Hombronia undosa Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 9 (1857), p. 196, 1858.

=*Sphenomorphus undosus* (Girard)

HOLOTYPE: 5627, Bay of Islands, New Zealand, U.S. Exploring Expedition, March 1840.

Hoplodactylus pomarii Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 9 (1857), p. 197, 1858.

=*Hoplodactylus pacificus* (Gray)

HOLOTYPE: 5690, Bay of Islands, New Zealand, U.S. Exploring Expedition, March 1840.

Japalura mitsukurii Stejneger

Journ. Sci. Coll., Imp. Univ. Tokyo, vol. 12, p. 218, 1898.

HOLOTYPE: 36505, ♂, Botel Tobago Island, Formosa, T. Tada, May 1899.

PARATYPE: 36506, ♀, same data.

Japalura splendida Barbour and Dunn

Proc. New England Zool. Club, vol. 7, p. 18, 1919.

HOLOTYPE: 35522, gorge of Yangtze River near Ichang, Hupeh, China, E. Blackwelder, 1904.

PARATYPES (2): 35523, near Taninghsien, east end of Chihsiting Pass, Szechwan, China, E. Blackwelder, 1904. 35524, Liang-ho, Chin-ling Mountains, Shensi, China, E. Blackwelder, 1904.

Laemanctus alticoronatus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 17, p. 192, 1865.

PROBABLE COTYPES (2): 12283 (2), near Mérida, Yucatán, Mexico, A. Schott.

Leiocephalus altavelensis Noble and Hassler

Amer. Mus. Novit., No. 652, p. 14, 1933.

=*Leiocephalus personatus altavelensis* Noble and Hassler

PARATYPE: 115362 (formerly AMNH 51069), Alta Vela Island, Dominican Republic, W. G. Hassler, Oct. 9–10, 1932.

Leiocephalus carinatus aquarius Schwartz and Ogren

Herpetologica, vol. 12, p. 100, 1956.

PARATYPES (7): 29586–7, Santiago de Cuba, Oriente Province, Cuba, B. S. Bowdish, Nov. 12, 7, 1901. 59202–3, Guantanamo Bay, Cuba, J. B. Henderson and P. Bartsch, Mar. 17, 1917. 81658, Macóla Hill, Guantanamo, Cuba, P. Bartsch, 1930. 81673, Río Puerco, Oriente Province, Cuba, P. Bartsch, 1930. 81687, Cabo Cruz, Oriente Province, Cuba, P. Bartsch, Aug. 31, 1930.

Leiocephalus carinatus armouri Barbour and Shreve

Proc. Boston Soc. Nat. Hist., vol. 40, p. 360, 1935.

PARATYPES (2): 120764–5, (formerly MCZ 38107–8), High Rock, Grand Bahama Island, Bahama Islands, T. Barbour, May 2, 1934.

Leiocephalus carinatus granti Rabb

Herpetologica, vol. 13, p. 109, 1957.

PARATYPES (14): 81742–9, Cayman Brac, West Indies, P. Bartsch, Sept. 8–10, 1930. 107966–71, Cayman Brac, West Indies, C. Grant, Mar. 31–Apr. 25, 1938.

Leiocephalus carinatus punctatus Cochran

Journ. Washington Acad. Sci., vol. 21, p. 39, 1931.

HOLOTYPE: 81560, Jamaica Wells, Acklin Island, Bahama Islands, P. Bartsch, July 6, 1930.

PARATYPES (22): 81481, Jamaica Bay, Acklin Island, Bahama Islands, P. Bartsch, July 5, 1930. 81482–9, hills near Cornucopia, Jamaica Wells, Acklin Island, Bahama Islands, P. Bartsch, July 7, 1930. 81492–6, Crooked Island, Bahama Islands, P. Bartsch, July 14, 1930. 81562–9, Castle Island, Bahama Islands, P. Bartsch, July 8, 1930

Leiocephalus inaguae Cochran

Journ. Washington Acad. Sci., vol. 21, p. 39, 1931.

HOLOTYPE: 81277, ♂, Man of War Bay, Great Inagua Island, Bahama Islands, P. Bartsch, Aug. 8, 1930.

PARATYPES (7): 81256, 81278, Carmichael Point, Great Inagua Island, Bahama Islands, P. Bartsch, Aug. 7, 1930. 81279, center of Ocean Bight Bay, Great Inagua Island, Bahama Islands, P. Bartsch, Aug. 7, 1930. 81280, northeast peninsula, Great Inagua Island, Bahama Islands, P. Bartsch, Aug. 6, 1930. 81281, northwest point, Great Inagua Island, Bahama Islands, P. Bartsch, Aug. 8, 1930. 81283–4, near Matthew Town, Great Inagua Island, Bahama Islands, P. Bartsch, Aug. 9, 1930. 81282 was exchanged to R in 1953.

Leiocephalus macropus immaculatus Hardy

Journ. Washington Acad. Sci., vol. 48, p. 294, figs. 1–5, 1958.

HOLOTYPE: 138412, Ocujal, Oriente Province, Cuba, J. D. Hardy, Aug. 29–31, 1956.

PARATYPES (39): 138378–411, 138413–7, Ocujal, Oriente Province, Cuba, J. D. Hardy, Aug. 28–Sept. 1, 1956.

Leiocephalus personatus aureus Cochran

Occ. Pap. Boston Soc. Nat. Hist., vol. 8, p. 175, 1934.

HOLOTYPE: 75909, ♂, Jacmel, Haiti, J. S. C. Boswell, 1928.

PARATYPES (6): 75910–1, 75913–5, Jacmel, Haiti, J. S. C. Boswell, 1928. 75916, Artibonite Valley, Haiti, J. S. C. Boswell, 1928. 75912 was exchanged to MZUM in 1943.

Leiocephalus personatus louisae Cochran

Occ. Pap. Boston Soc. Nat. Hist., vol. 8, p. 177, 1934.

PARATYPE: 95117, Saona Island, Dominican Republic, T. Barbour, Apr. 8, 1934.

Leiocephalus personatus lunatus Cochran

Occ. Pap. Boston Soc. Nat. Hist., vol. 8, p. 153, 1934.

PARATYPE: 94993, (formerly FMNH 152), Santo Domingo City, Dominican Republic, G. K. Cherrie, 1895.

Leiocephalus personatus mentalis Cochran

Proc. Biol. Soc. Washington, vol. 45, p. 178, 1932.

HOLOTYPE: 65772, Jovéro, Dominican Republic, W. L. Abbott, Feb. 19, 1923.

PARATYPES (36): 10262–4, 10266 (4), 10269 (2), 10271, Puerto Plata, Dominican Republic, C. A. Fraser, 1878. 65770–1, 65775–9, 66708–9, 66712, Jovéro, Dominican Republic, W. L. Abbott, Nov. 30–Feb. 19, 1923. 66695, 66697–707, Dominican Republic, W. L. Abbott, 1923. 66710–1, Guarabo, Dominican Republic, W. L. Abbott, Nov. 21, 1923. 66764,

Samaná Peninsula, Dominican Republic, W. L. Abbott. 65774, Samaná and Laguna, Dominican Republic, W. L. Abbott, March 1923. 65773 was exchanged to AMNH in 1941; 66694 and 66696 were exchanged to MZUM in 1943.

Leiocephalus personatus scalaris Cochran

Proc. Biol. Soc. Washington, vol. 45, p. 181, 1932.

Holotype: 74054, Cape Haïtien, Haiti, A. J. Poole, Mar. 3, 1928.

Paratypes (23): 74047–51, 74053, 74055–6, 74058–63, 74065–70, 74072–4, same data. 74052 and 74064 were exchanged to MZUM in 1943; 74057 and 74071 to MCZ, 1944.

Leiocephalus psammodromus Barbour

Copeia, No. 85, p. 73, 1920. (New name for *Leiocephalus arenarius* Barbour (not of Tschudi, 1845).)

Paratype: 81987, Bastion Cay, Turks Island, West Indies, L. A. Mowbray, June 1916.

Leiocephalus vinculum Cochran

Proc. Biol. Soc. Washington, vol. 41, p. 54, 1928.

=*Leiocephalus personatus vinculum* Cochran

Paratype: 77061, Pointe-à-Raquettes, Gonave Island, Haiti, W. J. Eyerdam, Aug. 5, 1927.

Leiocephalus virescens Stejneger

Proc. U.S. Nat. Mus., vol. 23, p. 471, 1901.

Holotype: 26758, Green Cay, Bahama Islands, U.S. Fish Commission *Albatross*, Apr. 12, 1886.

Paratypes (13): 14568 (13), same data.

Leiolopisma barbouri Stejneger

Journ. Washington Acad. Sci., vol. 15, p. 150, 1925.

Paratypes (2): 68723–4 (formerly MCZ 7261), Yunnan-Fu, Yunnan, China, 6,000 ft., J. Graham, 1906.

Leiolopisma caudaequinae Smith

Univ. Kansas Sci. Bull., vol. 34, p. 195, 1951.

Paratypes (2): 137217–8, 10 miles west of Naranjo, San Luis Potosí, Mexico, E. H. Taylor.

Leiolopisma eunice Cochran

Proc. Biol. Soc. Washington, vol. 40, p. 187, 1927.

Holotype: 72180, Bang Suk, near Pak Jong, Siam (Thailand), Hugh M. Smith, Aug. 19, 1926.

Paratypes (2): 70271–2, Pak Jong, Siam, Hugh M. Smith, May 18, 1925.

Leiolopisma forbesorum Taylor

Copeia, No. 1, p. 8, 1937.

=*Scincella gemmingeri forbesorum* (Taylor)

Paratype: 134307 (formerly UIMNH 27402), La Placita, Hidalgo, Mexico, 7,000 ft., E. H. Taylor, July 2–3, 1936.

Leiolopisma kohtaoensis Cochran

Proc. Biol. Soc. Washington, vol. 40, p. 188, 1927.

Holotype: 72284, Koh Tao, Gulf of Siam (Thailand), Hugh M. Smith, Dec. 31, 1926.

Paratypes (2): 72282–3, same data.

Leiolopisma laterale boettgeri Van Denburgh

Advance diagnoses of new reptiles and amphibians from the Loo Choo Islands and Formosa, p. 7, July 29, 1912 (published privately, San Francisco, California).

Paratype: 64208 (CAS 21691), Ishigaki, Loo Choo (Ryukyu) Islands, V. Kuhne, June 2, 1910.

Leiolopisma pranensis Cochran

Proc. U.S. Nat. Mus., vol. 77, No. 2834, p. 18, 1930.

Holotype: 75591, Pran, Peninsular Siam (Thailand), Hugh M. Smith, May 25, 1928.

Paratype: 76850, Doi Angka, Peninsular Siam, Hugh M. Smith, Dec. 2, 1928.

Leiolopisma smithi Cochran

Copeia, No. 4, p. 238, fig. 1, 1941.

Holotype: 94536, Khun Tan Mountains, northern Siam (Thailand), Hugh M. Smith, Mar. 2, 1932.

Lepidoblepharis barbouri Noble

Ann. New York Acad. Sci., vol. 29, p. 133, 1921.

Paratypes (6): 64035–7, Marañón Valley, Perico, northwestern Peru, H. C. Raven. 75952–4, Bellavista, Peru, G. K. Noble, 1916. 64038 was exchanged to UIMNH in 1956.

Lepidodactylus planicaudus Stejneger

Proc. U.S. Nat. Mus., vol. 28, p. 348, 1905.

Holotype: 34746, Mount Apo, Mindanao, Philippine Islands, 4,000–6,000 ft., E. A. Mearns, June–July, 1904.

Lepidophyma smithii occulor Smith

Proc. U.S. Nat. Mus., vol. 92, p. 378, 1942.

Holotype: 47133, Jalpan, Querétaro, Mexico, 2,000 ft., E. W. Nelson and E. A. Goldman, Aug. 30, 1896.

Paratypes (2): 47134–5, same data.

Lepidophyma smithii tehuanae Smith

Proc. U.S. Nat. Mus., vol. 92, p. 377, 1942.

=*Lepidophyma flavimaculatum tehuanae* Smith

HOLOTYPE: 111488, Cerro Arenal, Oaxaca, Mexico, H. M. Smith, Jan. 19, 1940.

PARATYPES (9): 46687, Santa Efigenia, Oaxaca, Mexico, E. W. Nelson and E. A. Goldman, July 30, 1895. 46998–47000, near Tehuantepec, Oaxaca, Mexico, E. W. Nelson and E. A. Goldman, May 24, 1895. 48105, mountains near Santo Domingo, Oaxaca, Mexico, E. W. Nelson and E. A. Goldman, June 11, 1895. 111489, Tres Cruces, Oaxaca, Mexico, H. M. Smith, May 1940. 111490, El Limón, Oaxaca, Mexico, H. M. Smith, May 1940. 111491–2, La Concepción, Oaxaca, Mexico, H. M. Smith, May 1940. 46997 was exchanged to UIMNH in 1956.

Lepidophyma tuxtlae Werler and Shannon

Herpetologica, vol. 13, p. 119, fig. 1, 1957.

PARATYPE: 139731 (formerly UIMNH 40286), Rancho El Tular, 15 miles north of San Andrés Tuxtla, Veracruz, Mexico, D. A. Langebartel, Dec. 1, 1955.

Lepidosternon floridanum Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10 (1858), p. 255, 1859.

=*Rhineura floridana* (Baird)

HOLOTYPE: 3202, Micanopy, Alachua County, Florida, J. B. Barratt.

Liocephalus eremitus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 20, p. 122, 1868.

=*Leiocephalus eremitus* Cope

HOLOTYPE: 12016, Navassa Island, West Indies, W. J. Rasin.

Liocephalus loxogrammus Cope

Proc. U.S. Nat. Mus., vol. 10, p. 437, 1887.

=*Leiocephalus loxogrammus* Cope

COTYPES (10): 14569 (10), Rum Cay, Bahama Islands, C. H. Townsend, March 1886. One cotype was exchanged to MCZ in 1915.

Liocephalus macropus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 184, 1862.

=*Leiocephalus macropus* Cope

COTYPES (11): 12254 (4), 25819–23, 25825–6, eastern Cuba (restricted to Monte Verde, near Guantanamo, Cuba), C. Wright. 25824 was exchanged to MCZ in 1915.

Liocephalus melanochlorus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 184, 1862.

=*Leiocephalus melanochlorus* Cope

COTYPES 52402 (formerly MCZ 3598), Jérémie, Haiti, D. F. Weinland.

Liocephalus raviceps Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 183, 1862.

=*Leiocephalus raviceps* Cope

COTYPES (8): 4162 (8), eastern Cuba, C. Wright. One cotype was exchanged to MCZ in 1915.

Liocephalus varius Garman

Proc. Amer. Philos. Soc., vol. 24, p. 274, 1887.

=*Leiocephalus varius* Garman

COTYPE: 52405 (formerly MCZ 6023), Grand Cayman Island, West Indies, W. B. Richardson.

Liolaemus hatcheri Stejneger

in Report Princeton Univ. Exped. to Patagonia, 1896–1899, vol. 3, pt. 1, Zoology, p. 218, 1909.

HOLOTYPE: 36912, plains of Patagonia, Santa Cruz Territory, Argentina, J. B. Hatcher, 1898.

PARATYPES (5): 36907–11, same data.

Liolaemus walkeri Shreve

Journ. Washington Acad. Sci., vol. 28, p. 404, 1938.

PARATYPES (2): 120768–9, Llocllapampa, Department of Junín, Peru, W. F. Walker, Jr., June 26–July 3, 1936.

Luperosaurus macgregori Stejneger

Proc. U.S. Nat. Mus., vol. 33, p. 545, 1907.

HOLOTYPE: 36191, Calayan Island, Philippine Islands, R. C. McGregor.

Lygodactylus capensis mossambica Loveridge

Proc. Zool. Soc. London, p. 135, 1920.

=*Lygodactylus grotei grotei* Sternfeld

COTYPES (5): 62831–5, ♀, ♀, ♀, ♂, Lumbo, Mozambique, A. Loveridge, July 11, 1918.

Lygodactylus manni Loveridge

Proc. U.S. Nat. Mus., vol. 72, No. 2720, p. 1, pl. 1, 1928.

HOLOTYPE: 72760, ♂, Saranda, Dodoma District, Tanganyika, A. Loveridge, July 15, 1926.

Lygosaurus pellopleurus Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 496, 1861.

COTYPES (2): 42110, 42114, Amami-o-shima, Riu-Kiu (Ryukyu) Islands, W. Stimpson, 1855.

Lygosaurus sowerbyi Stejneger

Occ. Pap. Boston Soc. Nat. Hist., vol. 5, p. 120, 1924.

HOLOTYPE: 65375, Fukien, Futsin District, China, A. de C. Sowerby.

Lygosoma assatum ixbaac Stuart

Occ. Pap. Mus. Zool. Univ. Michigan, No. 421, p. 8, 1940.

=*Scincella cherriei ixbaac* (Stuart)

PARATYPE: 71379, San Miguel, El Petén, Guatemala, H. Malleis, Apr. 22, 1923.

Lygosoma cherriei stuarti Smith

Proc. Biol. Soc. Washington, vol. 54, p. 181, 1941.

=*Scincella cherriei stuarti* (Smith)

HOLOTYPE: 115174, Potrero Viejo, Veracruz, Mexico, H. M. Smith, Dec. 17, 1938.

PARATYPES (12): 115175–85, Potrero Viejo, Veracruz, Mexico, H. M. Smith, Dec. 13–26, 1938. 115187, Cuautlapan, Veracruz, Mexico, H. M. Smith, Jan. 3, 1939. 115186 was exchanged to UIMNH in 1956.

Lygosoma incertum Stuart

Occ. Pap. Mus. Zool. Univ. Michigan, No. 421, p. 10, 1940.

PARATYPE: 25224, vicinity of Guatemala, Guatemala, C. H. Van Patten.

Lygosoma kilimensis Stejneger

Proc. U.S. Nat. Mus., vol. 14, p. 405, 1891.

HOLOTYPE: 16749, Kilimanjaro, East Africa (Tanganyika), W. L. Abbott, 1889.

Lygosoma (Sphenomorphus) variegatum stickeli Loveridge

Bull. Mus. Comp. Zool., vol. 101, p. 345, 1948.

=*Sphenomorphus variegatus stickeli* Loveridge

PARATYPES (9): 119450–1, 119453, 119456–60, Gusiko, Australian New Guinea, W. H. Stickel, Apr. 5–30, 1944. 120106, Draeger Harbor, 5 miles east of Finschhafen, Australian New Guinea, G. H. Penn, Jr., 1944. 119454–5 were exchanged to MCZ in 1947.

Lysoptychus lateralis Cope

Proc. U.S. Nat. Mus., vol. 11, p. 397, pl. 36, figs. 1a–g, 1889.

=*Sceloporus couchii* Baird

HOLOTYPE: 14741, San Diego, Duval County, Texas, W. Taylor.

Mabuia alliacea Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 115, pl. 28, fig. 1, 1876.

=*Mabuya mabouya mabouya* (Lacépède)

COTYPES (2): 30619–20, Costa Rica, W. M. Gabb.

Mabuia dorsivittata Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 350, 1862.

=*Mabuya dorsivittata* Cope

HOLOTYPE: 5405, Río Vermejo, Paraguay, T. J. Page.

Mabuia fulgida Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 185, 1862.

=*Mabuya spilonota* (Wiegmann)

Cotypes (6) : 5759 (6), Jamaica, C. B. Adams.

Mabuia lanceolata Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 187, 1862.

=*Mabuya lanceolata* Cope

Cotypes (2) : 6041 (2), Barbados (West Indies), T. N. Gill.

Mabuya bayonii keniensis Loveridge

Mus. Comp. Zool., Breviora, No. 59, p. 2, 1956.

Paratypes (5) : 40710, west side of Mount Kenya, Kenya, J. A. Loring, Sept. 22, 1909. 40781, Wambugu, Kenya, J. A. Loring, Sept. 13, 1909. 40947–8, Sotik, Guaso Nyiro, Kenya, E. Heller, June 20, 1909. 42024, Sirgoit Lake?, Kenya, Smithsonian African Expedition, 1909.

Mabuya chanleri Stejneger

Proc. U.S. Nat. Mus., vol. 16, p. 721, 1894.

Holotype: 20104, Tana River, British East Africa (Kenya), W. A. Chanler, November 1892.

Mabuya deserticola Dunn

Proc. Acad. Nat. Sci. Philadelphia, vol. 87, p. 554, 1936.

=*Mabuya nigropalmata* Andersson

Holotype: 13826, Mollendo, Peru, W. H. Jones, Sept. 28, 1883.

Mabuya pergravis Barbour

Proc. New England Zool. Club, vol. 7, p. 85, 1921.

=*Mabuya mabouya pergravis* Barbour

Holotype: 13875, Old Providence Island (Colombia), U.S. Fish Commission *Albatross*, Apr. 4–9, 1884.

Paratypes (2) : 63394–5, same data. 63396 was exchanged to MCZ in 1921.

Microlophus spinulosus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 351, 1862.

=*Tropidurus spinulosus* (Cope)

Holotype: 5956, Paraguay, T. J. Page.

Neoseps reynoldsi Stejneger

Proc. U.S. Nat. Mus., vol. 39, p. 34, figs. 1–6, 1910.

Holotype: 42147, near Spring Lake, Fruitland Park, Lake County, Florida, A. G. Reynolds, March 1910.

Oligosoma gemmingeri Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 16, p. 180, 1864.

=*Scincella gemmingeri gemmingeri* (Cope)

COTYPES (4): 6331 (4), Orizaba, Veracruz, Mexico, F. Sumichrast.

Ophisaurus attenuatus longicaudus McConkey

Amer. Midl. Nat., vol. 51, p. 151, pl. 1, center, bottom, 1954.

PARATYPES (22): 4169 (2), Knoxville, Knox County, Tennessee, J. B. Mitchell. 5038a, Georgia, W. L. Jones. 5322, Mississippi, B. F. Shumard. 8978, Florida. 10336, Clearwater, Pinellas County, Florida, S. T. Walker, July 1879. 12004a, Georgiana, Brevard County, Florida, W. Wittfield. 13383, Mount Mourne, Iredell County, North Carolina, J. A. D. Stephenson. 14724, Rockwood, Roane County, Tennessee, J. A. Sewell, Sept. 17, 1887. 18024, Greenville, Greenville County, South Carolina, J. C. Fitzgerald, 1891. 23972, New Smyrna, Volusia County, Florida, J. Y. Detwiler. 24343–4, Eustis, Lake County, Florida, H. J. Webber. 29618, Cleveland, Bradley County, Tennessee, J. D. Patton. 32530, Aiken, Aiken County, South Carolina, O. N. Cripps, October 1903. 38508, 3 miles west of Ashland, Hanover County, Virginia, F. B. Sheldon. 39043, Chuckatuck, Nansemond County, Virginia, J. S. Webb. 52212, forked tail only, Dunedin, Pinellas County, Florida, A. L. Holmes, February 1915. 61038, Gulfport, Pinellas County, Florida, A. G. Reynolds. 67596, Smithsonia, Lauderdale County, Alabama, R. R. Banks, September 1924. 69652, Eustis, Lake County, Florida, J. E. Brown, Dec. 10, 1922. 91413, Jedburg, Dorchester County, South Carolina, L. Brodie, May 29, 1932.

Ophisaurus ventralis compressus Cope

Report of the U.S. National Museum . . . for the year ending June 30, 1898, p. 501, fig. 90, 1900.

=*Ophisaurus compressus* Cope

HOLOTYPE: 21359, South Island, Georgetown County, South Carolina, E. P. Alexander, October 1893.

Oreosaurus anomalus Barbour and Noble

Proc. U.S. Nat. Mus., vol. 58, p. 614, 1921.

HOLOTYPE: 60704, ♂, Río San Miguel, San Fernando, Peru, 4,500 ft., E. Heller, Oct. 15, 1915.

Oreosaurus lacertus Stejneger

Proc. U.S. Nat. Mus. vol. 45, p. 546, 1913.

HOLOTYPE: 49551, Tincochchaca (Tinccochaca), Peru, 7,000 ft., Yale-Peruvian Expedition, Aug. 10, 1911.

PARATYPES (2): 49549, Ollantaytambo, Peru, 9,000 ft., Yale-Peruvian Expedition, July 20, 1911. 49552, Tincochchaca (Tinccochaca), Peru, 7,000 ft., Yale-Peruvian Expedition, Aug. 8, 1911.

Pantodactylus bivittatus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 15, p. 103, 1863.
=*Pantodactylus schreibersii* (Gray)
COTYPES (2) : 31279–80, Paysandú, Uruguay, H. W. Kennedy.

Phelsuma abbotti Stejneger

Proc. U.S. Nat. Mus., vol. 16, p. 716, 1894.
=*Phelsuma madagascariensis abbotti* Stejneger
HOLOTYPE: 20467, ♂, Aldabra Island (Seychelles Islands, Indian Ocean), W. L. Abbott, 1892.
PARATYPES (2) : 20468–9, same data.

Phoxophrys grahami Stejneger

Occ. Pap. Boston Soc. Nat. Hist., vol. 5, p. 120, 1924.
HOLOTYPE: 65500, Suifu, Szechwan, China, D. C. Graham.

Phrynocephalus erythrurus Zugmayer

Zool. Jahrb. Syst., vol. 27, p. 504, 1909.
PARATYPES (2): 73854–5, West Tibet, China, E. Zugmayer, 1906.

Phrynosoma asio Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 16, p. 178, 1864.
PROBABLE COTYPES (2) : 32216–7, Colima, Mexico, J. Xantus.

Phrynosoma cerroense Stejneger

North Amer. Fauna, No. 7, p. 187, 1893.
HOLOTYPE: 11977, Cedros Island (given as "Cerros" Island in the original description), Baja California, Mexico, L. Belding.

Phrynosoma ditmarsi Stejneger

Proc. U.S. Nat. Mus., vol. 29, p. 565, 1906.
HOLOTYPE: 36022, ♂, State of Sonora, Mexico, near the boundary of Arizona, Eustace, 1897.
PARATYPE: 36013, ♀, same data.

Phrynosoma douglassii brachycercum Smith

Proc. U.S. Nat. Mus., vol. 92, p. 362, 1942.
HOLOTYPE: 23993, Durango, Mexico, E. Palmer, September 1896.
PARATYPES (3): 23994–6, same data.

Phrynosoma douglassi pygmaea Yarrow

Proc. U. S. Nat. Mus., vol. 5, p. 443, 1882.
=*Phrynosoma douglassii douglassii* (Bell)
COTYPES (13) : 9199 (3), Fort Steilacoom, Puget Sound (Pierce County), Washington. 10918 (5), Fort Walla Walla (Walla Walla County), Wash-

ington, C. E. Bendire, June 1881. 11473 (2), Deschutes River, Oregon, H. W. Henshaw, Sept. 5, 1878. 11945 (3), Oregon, H. W. Henshaw, September 1878.

Phrynosoma goodei Stejneger

North Amer. Fauna, No. 7, p. 191, pl. 2, figs. 3a–c, 1893.

=*Phrynosoma platyrhinos goodei* Stejneger

HOLOTYPE: 8567A, west coast of Sonora, Mexico (restricted to Puerto Libertad), T. H. Streets.

Phrynosoma jamesi Schmidt

Bull. Amer. Mus. Nat. Hist., vol. 46, p. 668, pls. 55–56, 1922.

=*Phrynosoma coronatum jamesi* Schmidt

HOLOTYPE: 64450, ♀, San Bartolomé Bay, Baja California, Mexico, C. H. Townsend, Mar. 14, 1911.

Phrynosoma modestum Girard

in Stansbury, Report Expl. and Surv. Valley of the Great Salt Lake of Utah . . . , p. 361, pl. 6, figs. 4–8, 1852.

COTYPES (7): 164 (7), "between San Antonio and El Paso," Texas (restricted to Las Cruces, New Mexico), J. H. Clark. One cotype was exchanged to UIMNH in 1956.

Phrynosoma nelsoni Schmidt

Bull. Amer. Mus. Nat. Hist., vol. 46, p. 666, pl. 54, fig. 3, 1922.

=*Phrynosoma coronatum frontale* Van Denburgh

HOLOTYPE: 37585, ♀, San Quintín, Baja California, Mexico, E. W. Nelson and E. A. Goldman, August 15, 1905.

PARATYPE: 37584, ♂, same data.

Phrynosoma orbiculare durangoensis Horowitz

Amer. Midl. Nat., vol. 54, p. 211, 1955.

PARATYPES (3): 47469, El Salto, Durango, Mexico, E. W. Nelson and E. A. Goldman, July 20, 1895. 47872, near Bolaños, Jalisco, Mexico, E. W. Nelson and E. A. Goldman, Sept. 16, 1897. 47873, Sierra Madre, Zacatecas, Mexico, 8,000 ft., E. W. Nelson and E. A. Goldman, Aug. 16, 1897.

Phrynosoma planiceps Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 178, 1852.

=*Phrynosoma cornutum* (Harlan)

COTYPE: 143, 90 miles below El Paso near the Rio Grande, Texas, S. W. Woodhouse.

Phrynosoma platyrhinos Girard

in Stansbury, Report Expl. and Surv. of the Valley of the Great Salt Lake of Utah . . ., p. 361, pl. 7, figs. 1–5, 1852.

=*Phrynosoma platyrhinos platyrhinos* Girard

Cotypes (3): 189 (3), Salt Lake Valley, Utah, H. Stansbury. One cotype exchanged to MCZ in 1879.

Phrynosoma regale Girard

in U.S. Exploring Expedition . . . 1838–42, vol. 20 (Herpetology), p. 406, 1858.

=*Phrynosoma solaris* Gray

Cotypes (2): 161 (2), Sierra de la Nariz, near Zuni, Sonora, Mexico, A. Schott.

Phyllodactylus homolepidurus Smith

Univ. Kansas Sci. Bull., vol. 22, p. 121, pl. 25, fig. 2, text-fig. 1a, 1935.

Paratype: 134302 (formerly UIMNH 27482), 5 miles southwest of Hermosillo, Sonora, Mexico, E. H. Taylor, July 8, 1934.

Phyllodactylus lanei Smith

Univ. Kansas Sci. Bull., vol. 22, p. 125, text-fig. 1b, pl. 25, fig. 3, 1935.

Paratype: 138887 (formerly UIMNH 19612), near Tierra Colorada, Guerrero, Mexico, E. H. Taylor and H. M. Smith, June 30, 1932.

Phyllodactylus leei Cope

Proc. U.S. Nat. Mus., vol. 12, p. 145, 1890.

Holotype: 14957, Chatham Island, Galápagos Islands (off the coast of Ecuador), U.S. Fish Commission *Albatross*, Apr. 4, 1888.

Phyllodactylus magister Noble

Occ. Pap. Boston Soc. Nat. Hist., vol. 5, p. 110, 1924.

Paratypes (4): 75946–9, Bellavista, Peru, G. K. Noble, 1916. 75950 was exchanged to UIMNH in 1956.

Phyllodactylus magnus Taylor

Univ. Kansas Sci. Bull., vol. 28, p. 99, fig. 3, 1942.

Paratypes (39): 115703–4, 115725–37, Cerro Arenal, Oaxaca, Mexico, H. M. Smith, Jan. 2, 19, 1940. 115706 (given in error as 115760 in original description), 115713–7, 115722, Tres Cruces, Oaxaca, Mexico, H. M. Smith, Jan. 14–15, 1940. 115707, Tehuantepec, Oaxaca, Mexico, H. M. Smith, Jan. 16, 1940. 115740–2, 115744–7, 115749–50, Cajón de Piedra, Oaxaca, Mexico, H. M. Smith, May 1940. 115751–6, Tonalá, Chiapas, Mexico, H. M. Smith, Jan. 26–30, 1940. 137210, Tierra Colorada, Guerrero, Mexico, 1939.

Phyllodactylus spatulatus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 176, 1862.

=*Phyllodactylus pulcher* Gray

Cotypes (3): 6040 (3), Barbados (West Indies), T. N. Gill.

Phyllodactylus wirshingi Kerster and Smith

Herpetologica, vol. 11, p. 229, fig. 1, pl. 1, 1955.

PARATYPE: 138899 (formerly UIMNH 37743), Caja de Muertos Islands, Puerto Rico, J. Wirshing, Mar. 10, 1953.

Platydactylus muralis Duméril and Bibron

Erpétologie générale ou histoire naturelle complète des reptiles, vol. 3, p. 319, 1836.

=*Tarentola mauritanica* (Linnaeus)

COTYPE: 10996, Nice, France, JPP.

Plestiodon anthracinus Baird

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 18, p. 294, 1849.

=*Eumeces anthracinus anthracinus* (Baird)

COTYPES (5): 3138 (5), Carlisle, Cumberland County, Pennsylvania, S. F. Baird.

Plestiodon egregius Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10 (1858), p. 256, 1859.

=*Eumeces egregius* (Baird)

COTYPES (2): 3127 (2), Indian Key (Pinellas County), Florida, G. Würdemann.

Plestiodon inornatus Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10 (1858), p. 256, 1859.

=*Eumeces multivirgatus* Hallowell

COTYPES (2): 3110 (2), sand hills of Platte, Nebraska, F. V. Hayden.

Plestiodon longirostris Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 13, p. 313, 1861.

=*Eumeces longirostris* (Cope)

COTYPES (5): 4737 (5), Bermuda, J. H. Darrell. One cotype was exchanged to UIMNH in 1956.

Plestiodon marginatus Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 492, 1861.

=*Eumeces marginatus* (Hallowell)

LECTOTYPE: 11713, Okinawa (Ryukyu Islands), W. Stimpson, April 1855.

Plestiodon obsoletum Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 129, 1852.

=*Eumeces obsoletus* (Baird and Girard)

HOLOTYPE: 3133, Valley of the Rio San Pedro of the Rio Grande del Norte (now Devils River), Texas, J. H. Clark.

Plestiodon septentrionalis Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10 (1858), p. 256, 1859.

=*Eumeces septentrionalis* (Baird)

Cotypes (3): 3156 (3), Fort Ripley (Crow Wing County), Minnesota, J. F. Head.

Plestiodon skiltonianum Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 69, 1852.

=*Eumeces skiltonianus skiltonianus* (Baird and Girard)

Cotypes (2): 3172a–b, Oregon (restricted to the Dalles, Wasco County), G. R. Geary. 3172a is the lectotype.

Plestiodon tetragrammus Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10 (1858), p. 256, 1859.

=*Eumeces tetragrammus* (Baird)

Cotypes (10): 3124 (10), Matamoras, Tamaulipas, Mexico, D. N. Couch. The lectotype is 3124a. One cotype was exchanged to UIMNH in 1956.

Plica stejnegeri Burt and Burt

Proc. U.S. Nat. Mus., vol. 87, No. 2849, p. 19, 1930.

Holotype: 73505, Argentina, A. and A. Breyer.

Plistodon sumichrasti Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 321, 1867.

=*Eumeces sumichrasti* (Cope)

Holotype: 6601, Potrero, Veracruz, Mexico ("Orizava" in original description), F. Sumichrast.

Prionodactylus marianus Ruthven

Occ. Pap. Mus. Zool. Univ. Michigan, No. 103, p. 1, 1921.

=*Euspondylus marianus* (Ruthven)

Paratype: 120789 (formerly MCZ 14660), San Pedro, near Medellín, Colombia, H. Nicéforo-María.

Proctoporus obesus Barbour and Noble

Proc. U.S. Nat. Mus., vol. 58, p. 616, 1921.

Holotype: 60748, ♂, Ñusta Hispaña, Peru, E. C. Erdis, June 11, 1915.

Pterogasterus modestus Cope

Proc. Amer. Philos. Soc., vol. 17 (1878), p. 97, 1877.

=*Barisia modesta* (Cope)

Cotypes: (3): 7084 (3), alpine regions, Orizaba, Veracruz, Mexico (given as "probably Guatemala" in original description, but restricted to Mount Orizaba), F. Sumichrast.

Riopa singha Taylor

Univ. Kansas Sci. Bull., vol. 33, p. 494, figs. 2a–b, 1950.

Holotype: 29411, Trincomalee, Ceylon, D. L. Karcher.

Saccodeira ornatissima Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 9 (1857), p. 198, 1858.

COTYPE: 5655, Yanga, Peru, U.S. Exploring Expedition, 1839.

Sator angustus Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 469, 1919.

HOLOTYPE 64262, ♂, Santa Cruz Island, Gulf of California, Baja California, Mexico, C. H. Townsend, Apr. 17, 1911.

Sator grandaevus Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 469, 1919.

HOLOTYPE: 64261, ♂, Cerralvo Island, Gulf of California, Baja California, Mexico, C. H. Townsend, Apr. 19, 1911.

Sauromalus hispidus Stejneger

Proc. U.S. Nat. Mus., vol. 14, p. 409, 1891.

HOLOTYPE: 8563, Ángel de la Guarda Island, Gulf of California, Baja California, Mexico, T. H. Streets.

Sauromalus interbrachialis Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 463, 1919.

=*Sauromalus ater* Duméril

HOLOTYPE: 64443, La Paz, Baja California, Mexico, C. H. Townsend, Mar. 27, 1911. The locality is said to be incorrect by Shaw, Trans. San Diego Soc. Nat. Hist., vol. 10, pp. 274–5, 1945.

Sauromalus townsendi Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 464, 1919.

=*Sauromalus obesus townsendi* Dickerson

HOLOTYPE: 64442, ♂, Tiburón Island, Gulf of California, Sonora, Mexico, C. H. Townsend, Apr. 12, 1911.

Sauromalus varius Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 464, 1919.

HOLOTYPE: 64441, San Estéban Island, Gulf of California, Sonora, Mexico, C. H. Townsend, Apr. 13, 1911.

Scartiscus caducus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 182, 1862.

=*Leiocephalus caducus* (Cope)

HOLOTYPE: 5852, Paraguay, T. J. Page.

Sceloporus aeneus bicanthalis Smith

Occ. Pap. Mus. Zool. Univ. Michigan, No. 361, p. 6, 1937.

PARATYPES (2): 47280, Popocatepetl, Puebla, Mexico, E. W. Nelson, Feb. 27, 1893. 47395, Reyes, Oaxaca, Mexico, 10,200 ft., E. W. Nelson and E. A. Goldman, Oct. 22, 1894.

Sceloporus aeneus subniger Poglayen and Smith

Herpetologica, vol. 14, p. 13, 1958.

PARATYPES (25): 111563–87, 15 km. west of Toluca, Mexico, Mexico, H. M. Smith, Mar. 5, 1939.

Sceloporus boulengeri Stejneger

North Amer. Fauna, No. 7, p. 180, pl. 1, figs. 5a–c, 1893.

=*Sceloporus clarkii boulengeri* Stejneger

COTYPES (3): 14079 (3), Presidio, about 50 miles south of Mazatlán, Sinaloa, Mexico, A. Forrer, Apr. 3, 1885.

Sceloporus chrysostictus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18, p. 125, 1866.

COTYPES (2): 24865–6, Yucatán, Mexico, A. Schott.

Sceloporus clarkii Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 127, 1852.

=*Sceloporus clarkii clarkii* Baird and Girard

LECTOTYPE: 2940, "Province of Sonora" (restricted to Santa Rita Mountains, Arizona), J. H. Clark. Two other specimens also listed as cotypes of *Sceloporus clarkii* are said to be examples of *Sceloporus magister magister* by Smith and Taylor, U.S. Nat. Mus. Bull. 199, p. 113, 1950.

Sceloporus cochranae Smith

Proc. Biol. Soc. Washington, vol. 49, p. 87, pl. 2, fig. 1, pl. 3, 1936.

=*Sceloporus siniferus cupreus* Bocourt

HOLOTYPE: 47605, Mount Zempoaltepec, 8,000 ft., Oaxaca, Mexico, E. W. Nelson and E. A. Goldman, July 8, 1894.

Sceloporus couchii Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10 (1858), p. 254, 1859.

COTYPES (9): 2739 (9), Santa Caterina, Nuevo León, Mexico, D. N. Couch, April 1853.

Sceloporus cozumelae Jones

Occ. Pap. Mus. Zool. Univ. Michigan, No. 186, p. 1, 1927.

HOLOTYPE: 13904, Cozumel Island, Yucatán, Mexico, U.S. Fish Commission *Albatross*, Jan. 23–29, 1885.

PARATYPES (3): 17827–9, Cozumel Island, off Yucatán, Mexico, U.S. Fish Commission *Albatross*, 1885.

Sceloporus delicatissimus Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 178, 1852.

=*Sceloporus variabilis marmoratus* Hallowell

HOLOTYPE: 16020, San Antonio, Bexar County, Texas, S. W. Woodhouse.

Sceloporus disparilis Stejneger

Proc. Biol. Soc. Washington, vol. 29, p. 228, 1916.

=*Sceloporus grammicus disparilis* Stejneger

HOLOTYPE: 33041, ♂, Lomita Ranch, 6 miles north of Hidalgo, Hidalgo County, Texas, W. Lloyd, June 17, 1891.

PARATYPES (4): 33042–5, Lomita Ranch, 6 miles north of Hidalgo, Hidalgo County, Texas, W. Lloyd, June 13–17, 1891.

Sceloporus edwardtaylori Smith

Herpetologica, vol. 1, p. 6, 1936.

PARATYPE: 138890 (formerly UIMNH 27256), near Totalpam, Oaxaca, Mexico, H. M. Smith, Aug. 7, 1935.

Sceloporus elongatus Stejneger

North Amer. Fauna, No. 3, p. 111, 1890.

=*Sceloporus undulatus elongatus* Stejneger

HOLOTYPE: 15858, ♂, Moa Ave, Painted Desert, Arizona, C. H. Merriam and V. O. Bailey, Sept. 23, 1889.

PARATYPES (3): 15856–7, ♀ and juvenile, Little Colorado River, Painted Desert, Arizona, C. H. Merriam and V. O. Bailey, Sept. 21, 26, 1889. 15859, ♀, Moa Ave, Painted Desert, Arizona, C. H. Merriam and V. O. Bailey, Sept. 23, 1889.

Sceloporus ferrariperezi Cope

Proc. Amer. Philos. Soc., vol. 22, p. 400, 1885.

=*Sceloporus torquatus torquatus* Wiegmann

COTYPES (4): 9874, 9876, 9878, 9880, Guanajuato, Mexico, A. Dugès, 1877. 9895 was exchanged to MCZ in 1944.

Sceloporus floridanus Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10 (1858), p. 254, 1859.

=*Sceloporus undulatus undulatus* (Latreille)

HOLOTYPE: 2874, Pensacola, Escambia County, Florida, R. W. Jeffries.

Sceloporus formosus scitulus Smith

Proc. U.S. Nat. Mus., vol. 92, p. 352, 1942.

PARATYPES (4): 47738, Omilteme, Guerrero, Mexico, E. W. Nelson and E. A. Goldman, May 20, 1903. 111827–8, Omilteme, Guerrero, Mexico, R. C. and E. H. Taylor, Aug. 2–4, 1940. 134303, Omilteme, Guerrero, Mexico, E. H. Taylor, Aug. 4–6, 1940.

Sceloporus goldmani Smith

Occ. Pap. Mus. Zool. Univ. Michigan, No. 361, p. 5, 1937.

PARATYPE: 46869 (given incorrectly as 46839 in original description), Carneros, Coahuila, Mexico, 6,800 ft., E. W. Nelson and E. A. Goldman, Aug. 12, 1896.

Sceloporus graciosus Baird and Girard

in Stansbury, Report Expl. and Surv. Valley of the Great Salt Lake of Utah . . ., p. 346, pl. 5, figs. 1–3c, 1852.

=*Sceloporus graciosus graciosus* Baird and Girard

COTYPES (4): 2877 (4), Valley of the Great Salt Lake, Utah, H. Stansbury.

Sceloporus heterurus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 322, 1867.

=*Sceloporus grammicus microlepidotus* Wiegmann

PROBABLE HOLOTYPE: 25064 (given incorrectly in the original description as 6589), Mirado, Veracruz, Mexico, C. Sartorius.

Sceloporus horridus albiventris Smith

Field Mus. Nat. Hist., Zool. Ser., vol. 26, p. 108, pl. 12, 1939.

PARATYPE: 137214, Mount San Juan near Tepic, Nayarit, Mexico, E. H. Taylor, July 29, 1934.

Sceloporus jarrovii Cope

in Yarrow, Report upon the collections of batrachians and reptiles . . . 1871, 1872, 1873, and 1874, *in* Report U.S. Geogr. and Geol. Expl. and Surv. West of One Hundr. Mer., vol. 5, p. 569, pl. 23, figs. 2–2d, 1875.

=*Sceloporus jarrovii jarrovii* Cope

COTYPES (2): 8495, 8611, southern Arizona, H. W. Henshaw, October 1873.

Sceloporus jarrovii immucronatus Smith

Copeia, No. 4 (1936), p. 223, 1937.

PARATYPE: 137215, 25 miles south of Jacala, Mexico, Mexico, E. H. Taylor and H. M. Smith, June 16, 1932.

Sceloporus jarrovii oberon Smith and Brown

Field Mus. Nat. Hist., Zool. Ser., vol. 24, p. 254, fig. 24, 1941.

HOLOTYPE: 105823, Arteaga, Coahuila, Mexico, H. M. and R. B. Smith, Nov. 16, 1938.

PARATYPES (139): 105606–744, Mount Zapaliname, Diamond Pass, near Saltillo, Coahuila, Mexico, 7,800 ft., H. M. Smith, Nov. 10–15, 1938.

Sceloporus jarrovii sugillatus Smith

Proc. U.S. Nat. Mus., vol. 92, p. 357, 1942.

HOLOTYPE: 112100, ♂, Lake No. 4, Zempoala, Morelos, Mexico, 10,000 ft., H. M. Smith, Feb. 22, 1939.

PARATYPES (39): 112072–99, 112101–11, Zempoala, Morelos, Mexico, H. M. Smith, Feb. 21–22, 1939.

Sceloporus licki Van Denburgh

Proc. California Acad. Sci., Ser. 2, vol. 5, p. 110, pl. 10, 1895.

=*Sceloporus orcutti licki* Van Denburgh

PARATYPE: 23749, Miraflores, Baja California, Mexico, G. Eisen and F. H. Vaslit, September 1894.

Sceloporus lineatulus Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 467, 1919.

=*Sceloporus magister lineatulus* Dickerson

HOLOTYPE: 64263, ♂, Santa Catalina Island, Gulf of California, Baja California, Mexico, C. H. Townsend, May 16, 1911.

Sceloporus lineolateralis Smith

Proc. Biol. Soc. Washington, vol. 49, p. 92, 1936.

PARATYPE: 138891 (formerly UIMNH 21322), 14 miles northeast of Pedriceña, Durango, Mexico, H. M. Smith and E. H. Taylor, Aug. 29, 1932.

Sceloporus longipes Baird

Proc. Acad. Nat. Sci., Philadelphia, vol. 10 (1858), p. 254, 1859.

=*Sceloporus occidentalis longipes* Baird

COTYPES (25): 4358 (25), Fort Tejon (Kern County), California, J. Xantus. 4358a is the lectotype. One cotype was exchanged to UIMNH in 1956; one to MZUM.

Sceloporus lundelli lundelli Smith

Field Mus. Nat. Hist., Zool. Ser., vol. 26, p. 66, pl. 4 (left), 1939.

PARATYPES (2): 46862, Jaina, Campeche, Mexico, E. W. Nelson and E. A. Goldman, June 15, 1900. 138892 (formerly UIMNH 27267), Balchacaj, Campeche, Mexico, H. M. Smith, Sept. 21–22, 1936.

Sceloporus macdougalli Smith and Bumzahem

Herpetologica, vol. 9, p. 186, fig. 1, pls. 1–2, 1953.

PARATYPE: 134304 (formerly UIMNH 34359), Rincón Bamba, Isthmus of Tehuantepec, Oaxaca, Mexico, T. MacDougall, Mar. 26–27, 1953.

Sceloporus magister Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 93, 1854.

=*Sceloporus magister magister* Hallowell

HOLOTYPE: 2967, near Fort Yuma (Imperial County), California, A. L. Heermann.

Sceloporus magister bimaculosus Phelan and Brattstrom

Herpetologica, vol. 11, p. 9, 1955.

PARATYPES (10): 2964, between El Paso, Texas, and Janos, Chihuahua, Mexico, C. B. R. Kennerly, 1855. 22269, Las Cruces Agricultural College, Las Cruces, Dona Ana County, New Mexico, T. D. A. Cockerell. 22382, Mesilla Valley, Dona Ana County, New Mexico, T. D. A. Cockerell. 32939–49, Boquillas, Brewster County, Texas, V. O. Bailey and H. C. Oberholser, May 23, 1901. 32942, Boquillas, Brewster County, Texas, H. C. Oberholser, May 28, 1901. 44592, Socorro Mountains, Socorro County, New Mexico, E. A. Goldman, Aug. 13, 1909. 56860–2, El Paso, El Paso County, Texas, J. Hurter, July 24–25, 1902.

Sceloporus magister uniformis Phelan and Brattstrom

Herpetologica, vol. 11, p. 7, 1955.

PARATYPES (35): 18096–101, Pahranagat Valley, Lincoln County, Nevada, C. H. Merriam and V. O. Bailey, May 23, 1891. 18102, ♀, Pahranagat Mountain, Lincoln County, Nevada, C. H. Merriam, May 26, 1891. 18103, ♂, Pahrump Valley, Nye County, Nevada, C. H. Merriam, Apr. 29, 1891. 18104, ♂, Callville, Colorado River, Nevada, V. O. Bailey, May 4, 1891. 18105–6, ♂, ♂, Ash Meadows, Nye County, Nevada, E. W. Nelson and T. S. Palmer, Mar. 16, 20, 1891. 18107, ♂, Las Vegas Valley, Nevada, V. O. Bailey, May 1, 1891. 18108–9, ♂, ♂, Indian Springs Valley, Clark County, Nevada, C. H. Merriam and V. O. Bailey, May 29, 1891. 18111, ♂, Bunkerville, Clark County, Nevada, V. O. Bailey, May 8, 1891. 37659–60, Volcano Lake, Baja California, Mexico, E. W. Nelson and E. A. Goldman, Apr. 19–20, 1905. 37663, east base of Cocopah Mountains, Lower California, Mexico, E. W. Nelson, and E. A. Goldman, Apr. 11, 1905. 37664, San Felipe Bay, Lower California, Mexico, E. W. Nelson and E. A. Goldman, June 23, 1905. 44785, Pyramid Lake, Washoe County, Nevada, C. A. Keeler, June 1889. 44852, Mojave Valley, east of Morongo Valley, San Bernardino County, California, 3,100 ft., V. O. Bailey, Sept. 12, 1907. 45201–6, Pyramid Lake, Washoe County, Nevada, V. O. Bailey, June 23, 1893. 48691, Fallon, Churchill County, Nevada, V. O. Bailey, Sept. 6, 1911. 50808, 50810, near head of Pyramid Lake, Washoe County, Nevada, C. H. Richardson and J. O. Snyder. 50831–2, Pyramid Lake Indian Agency, Nevada, J. O. Snyder, May 31, 26, 1911. 51901, Fallon, Churchill County, Nevada, V. O. Bailey, Aug. 17, 1911. 87025, 4 miles west of Fallon, Churchill County, Nevada, C. E. Burt, Aug. 13, 1932. 118461, Fallon, Churchill County, Nevada, F. W. King, June 18, 1931.

Sceloporus malachiticus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 16, p. 178, 1864.

=*Sceloporus malachiticus malachiticus* Cope

COTYPE: 12186 (formerly 6492), near Arriba, Costa Rica, C. N. Riotte.

Sceloporus malachiticus internasalis Smith and Bumzahem

Herpetologica, vol. 11, p. 118, fig. 1, 1955.

PARATYPE: 135436, La Gloria, Oaxaca, Mexico, T. MacDougall, Mar. 12, 1953.

Sceloporus megalepidurus Smith

Trans. Kansas Acad. Sci., vol. 37, p. 272, pl. 9, figs. 7–8, pl. 10, fig. 13, 1934.

PARATYPE: 134305 (formerly UIMNH 27441), Pedregal, near Totalco, Veracruz, Mexico, E. H. Taylor, Sept. 2, 1936.

Sceloporus melanogaster Cope

Proc. Amer. Philos. Soc., vol. 22, p. 400, 1885.

=*Sceloporus torquatus melanogaster* Cope

HOLOTYPE: 9877, ♂, Mexico (restricted to Tupátaro, Guanajuato), A. Dugès, 1877.

Sceloporus melanorhinus calligaster Smith

Proc. U.S. Nat. Mus., vol. 92, p. 360, 1942.

HOLOTYPE: 112201, Acapulco, Guerrero, Mexico, H. M. Smith, Sept. 3, 1939.

PARATYPES (18): 24925–6, Gudalajara?, Jalisco, Mexico, J. J. Major 31496, Colima, Mexico, J. Xantus. 47731, Tamarindo, Guerrero, Mexico, E. W. Nelson and E. A. Goldman, Apr. 3, 1903. 47732, Acapulco, Guerrero, Mexico, E. W. Nelson and E. A. Goldman, Apr. 29, 1903. 51384–9, San Blas, Nayarit, Mexico, J. C. Thompson, Dec. 20, 25, 1913. 58159, Colima, Mexico, J. Hurter, July 14, 1902. 64667, San Blas, Nayarit, Mexico, E. W. Nelson and E. A. Goldman, June 11, 1897. 112186, near Coyuca, Guerrero, Mexico, H. M. Smith, Feb. 10, 1939. 112199–200, Acapulco, Guerrero, Mexico, H. M. Smith, Sept. 3, 1939. 112202–3, Apatzingán, Michoacán, Mexico, H. M. Smith, Mar. 16–17, 1939.

Sceloporus merriami Stejneger

Proc. Biol. Soc. Washington, vol. 17, p. 17, 1904.

=*Sceloporus merriami merriami* Stejneger

HOLOTYPE: 33039, ♂, East Painted Cave, near mouth of Pecos River, Texas, W. Lloyd, Sept. 2, 1890.

PARATYPES (7): 33033, ♂, Comstock, Val Verde County, Texas, M. Cary, July 26, 1902. 33034, ♀, Boquillas, Brewster County, Texas, V. Bailey, May 28, 1901. 33035, ♂, 55 miles northwest of Comstock, at mouth of Pecos River, Texas, M. Cary, Aug. 3, 1902. 33036–8, 33040, ♂, ♂, ♀, East Painted Cave, near mouth of Pecos River, Texas, W. Lloyd, Sept. 1–3, 1890.

Sceloporus merriami annulatus Smith

Proc. Biol. Soc. Washington, vol. 50, p. 83, 1937.

PARATYPE: 120770 (formerly MCZ 46524), Glenn Springs, Brewster County, Texas, H. T. Gaige.

Sceloporus mucronatus aureolus Smith

Proc. U.S. Nat. Mus., vol. 92, p. 356, 1942.

HOLOTYPE: 112232, ♂, 2 miles west of Acultzingo, Veracruz, Mexico, H. M. Smith, Jan. 17, 1939.

PARATYPES (26): 112233–42, 112244–58 from vicinity of Acultzingo, Veracruz, Mexico, H. M. Smith, January 1939 to August 1940. 112243, 8 km. east of Ozumbilla, Puebla, Mexico, H. M. Smith, Jan. 17, 1939.

Sceloporus nelsoni Cochran

Journ. Washington Acad. Sci., vol. 13, p. 185, 1923.

HOLOTYPE: 47676, Plomosas, Sinaloa, Mexico, E. W. Nelson and E. A. Goldman, July 18, 1897.

PARATYPES (8): 18979, Barranca Ibarra, Jalisco, Mexico, P. L. Jouy, Apr. 19, 1892. 46629, Culiacán, Sinaloa, Mexico, E. A. Goldman, Mar. 18, 1899. 47271, 47273–5, near Mazatlán, Sinaloa, Mexico, E. A. Goldman, Apr. 1–10, 1899. 47690–1, Rosario, Sinaloa, Mexico, E. W. Nelson and E. A. Goldman, July 21, 1897. 47272 was exchanged to MCZ in 1923; 47689 to MZUM, 1923.

Sceloporus ochoterenae Smith

Trans. Kansas Acad. Sci., vol. 37, p. 269, pl. 9, figs. 6, 9; pl. 10, fig. 12, 1934.

PARATYPE: 138893 (formerly UIMNH 37949), 11 miles south of Puente de Ixtla, Guerrero, Mexico, H. M. Smith and E. H. Taylor, June 22, 1932.

Sceloporus oligoporus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 16, p. 177, 1864.

=*Sceloporus horridus oligoporus* Cope

COTYPES (6): 31386–90, 31393, Colima, Colima, Mexico, J. Xantus, March–July 1863. 31391 was exchanged to MCZ in 1944; 31392 to UIMNH, 1956.

Sceloporus orcutti Stejneger

North Amer. Fauna, No. 7. p. 181, pl. 1, figs. 4a–c, 1893.

=*Sceloporus orcutti orcutti* Stejneger

HOLOTYPE: 16330, Milquatay Valley, San Diego County, California, C. R. Orcutt, Jan. 5, 1890.

PARATYPES (7): 16323–9, 16332–6, same data. 16331 was exchanged to UIMNH in 1956.

Sceloporus ornatus Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10 (1858), p. 254, 1859.

=*Sceloporus ornatus ornatus* Baird

HOLOTYPE: 2845, Patos, Coahuila, Mexico, D. N. Couch.

Sceloporus ornatus caeruleus Smith

Copeia, No. 4 (1936), p. 227, 1937.

PARATYPE: 138894 (formerly UIMNH 21453), 5 miles south of San Pedro, Coahuila, Mexico, H. M. Smith and D. H. Dunkle, June 29, 1934.

Sceloporus parvus Smith

Trans. Kansas Acad. Sci., vol. 37, p. 263, pl. 8, figs. 1, 3; pl. 10, fig. 10, 1934.

=*Sceloporus parvus parvus* Smith

PARATYPE: 138895 (formerly UIMNH 27419), near spring, Sabinas Hidalgo, Nuevo León, Mexico, H. M. Smith and E. H. Taylor, June 8, 1932.

Sceloporus poinsettii Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 126, 1852.

=*Sceloporus poinsettii poinsettii* Baird and Girard

COTYPES (5): 2948 (2), 131668, Rio San Pedro of the Rio Grande del Norte, Texas, J. H. Clark. 2952 (2), Province of Sonora, Mexico, J. H. Clark.

Sceloporus poinsetti macrolepis Smith and Chrapliwy

Herpetologica, vol. 13, p. 268, 1957.

=*Sceloporus poinsettii macrolepis* Smith and Chrapliwy

PARATYPES (6): 46844–5, Durango, Durango, Mexico, E. W. Nelson and E. A. Goldman, July 1, 1898. 47417, near Balleza, Chihuahua, Mexico, E. W. Nelson and E. A. Goldman, Sept. 23, 1899. 47419–21, near Guachochi, Sierra Madres, Chihuahua, Mexico, E. W. Nelson and E. A. Goldman, Sept. 28, 1898.

Sceloporus poinsetti polylepis Smith and Chrapliwy

Herpetologica, vol. 13, p. 269, 1957.

=*Sceloporus poinsettii polylepis* Smith and Chrapliwy

PARATYPES (15); 105486–92, near La Loma, Durango, Mexico, H. M. Smith, November 1–4, 1938. 105493–7, Pedriceña, Durango, Mexico, H. M. Smith, November 2–4, 1938. 105498–500, 14 miles north of Pedriceña, Durango, Mexico, H. M. Smith, November 4, 1938.

Sceloporus prezygus Smith

Proc. U.S. Nat. Mus., vol. 92, p. 354, 1942.

HOLOTYPE: 46861 (given incorrectly as 46881 in original description), Conjab, between San Bartolomé and Comitán, Chiapas, Mexico, 5,300 ft., E. W. Nelson and E. A. Goldman, May 2, 1894.

Sceloporus pyrocephalus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 16, p. 177, 1864.

COTYPES (37): 31428–32, 31434–54, 31456–65, 31495, near Colima, Colima, Mexico, J. Xantus, 1863. The lectotype is 31495. 31433, 31455 were exchanged to MCZ in 1923; 31427 was exchanged to UIMNH in 1956.

Sceloporus rufidorsum Yarrow

Proc. U.S. Nat. Mus., vol. 5, p. 442, 1882.

=*Sceloporus magister rufidorsum* Cope

Holotype: 11981, San Quintín Bay, Baja California, Mexico, L. Belding, 1882. This specimen is macerated; only the bones are left.

Paratypes (5): 11971, Cedros Island, Baja California, Mexico (given as "Cerros Island" in the original description), L. Belding. 12667 (4), La Paz, Baja California, Mexico, L. Belding, 1882. One from 11971 was exchanged to MZUM in 1923.

Sceloporus scalaris slevini Smith

Occ. Pap. Mus. Zool. Univ. Michigan, No. 361, p. 3, 1937.

Paratypes (3): 47064–5, Guadalupe y Calvo, Chihuahua, Mexico, E. W. Nelson and E. A. Goldman, Sept. 8, 1898. 58444, Chihuahua, Mexico, J. Hurter, May 1902.

Sceloporus scalaris unicanthalis Smith

Occ. Pap. Mus. Zool. Univ. Michigan, No. 361, p. 4, 1937.

Paratype: 47884, Atemajac, Jalisco, Mexico, E. W. Nelson, May 25, 1892.

Sceloporus serrifer Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18, p. 124, 1866.

=*Sceloporus serrifer serrifer* Cope

Holotype: 24868, Yucatán, Mexico (restricted to Mérida, Yucatán), A. Schott.

Paratypes (7): 10298, ♂, 24869–74, same data.

Sceloporus serrifer plioporus Smith

Field Mus. Nat. Hist., Zool. Ser., vol. 26, p. 212, pl. 18 (right), 1939.

Paratype: 138896 (formerly UIMNH 27362), 5 to 6 miles east of Jalapa, Veracruz, Mexico, E. H. Taylor, Sept. 6, 1936.

Sceloporus siniferus Cope

Proc. Amer. Philos. Soc., vol. 11, p. 159, 1869.

=*Sceloporus siniferus siniferus* Cope

Cotypes (18): 30453–6, 30458–71, Pacific side of Isthmus of Tehuantepec, Oaxaca, Mexico (restricted to Tehuantepec City, Oaxaca, F. Sumichrast. 30457 was exchanged to UIMNH in 1956.

Sceloporus smaragdinus Bocourt

Récherches zoologiques, *in* Mission scientifique au Mexique et dans l'Amérique Centrale, pt. 3, text and plates, p. 186, pl. 18, fig. 6, pl. 19, fig. 1, 1874.

=*Sceloporus malachiticus smaragdinus* Bocourt

Cotype: 11000, "Mexico" (probably from Guatemala, in vicinity of Solola, Totonicapam, and Quetzaltenango, as given in original description), MHNP.

Sceloporus smaragdinus Cope

in Yarrow, Report upon the collections of batrachians and reptiles . . . 1871, 1872, 1873, and 1874, *in* Report U.S. Geogr. and Geol. Expl. and Surv. West of One Hundr. Mer., vol. 5, p. 572, pl. 24, figs. 2–2a, 1875. (Not of Bocourt, 1873.)

=*Sceloporus occidentalis longipes* Baird

Cotypes (4) : 8612 (4), Beaver (Beaver County), Utah, and Dome Canyon, Nevada, H. C. Yarrow, 1872.

Sceloporus spinosus apicalis Smith and Smith

Proc. Biol. Soc. Washington, vol. 64, p. 101, 1951.

Paratype: 134306 (formerly UIMNH 10830), San Pedro Quiechapa, Oaxaca, Mexico, Dr. and Mrs. H. M. Smith, May 1940.

Sceloporus squamosus Bocourt

Récherches zoologiques, *in* Mission scientifique au Mexique et dans l'Amérique Centrale, pt. 3, text and plates, p. 212, pl. 18 bis, figs. 7–7c, pl. 19, fig. 3, 1874.

Cotype: 10964, probably from the mouth of the Nagualate River, Guatemala.

Sceloporus stejnegeri Smith

Proc. U.S. Nat. Mus., vol. 92, p. 350, 1942.

Holotype: 112634, ♂, Tierra Colorada, Guerrero, Mexico, H. M. Smith, Aug. 31, 1939.

Paratypes (14) : 112635–48, Tierra Colorada, Guerrero, Mexico, H. M. Smith, Feb. 13–14, 1939.

Sceloporus taeniocnemis Cope

Proc. Amer. Philos. Soc., vol. 22, p. 399, 1885.

=*Sceloporus malachiticus taeniocnemis* Cope

Holotype: 24768, Guatemala (restricted to Cobán, Guatemala), H. Hague.

Sceloporus thayeri Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 127, 1852.

=*Sceloporus undulatus hyacinthinus* Green

Cotypes (3) : 2887 (3), Indianola (Calhoun County), Texas, J. H. Clark.

Sceloporus torquatus cyanogenys Cope

Proc. Amer. Philos. Soc., vol. 22, p. 402, 1885.

=*Sceloporus cyanogenys* Cope

Cotypes (5) : 31373–7, Monterrey, Nuevo León, Mexico, E. D. Cope.

Sceloporus torquatus minor Cope

Proc. Amer. Philos. Soc., vol. 22, p. 402, 1885.

=*Sceloporus jarrovii minor* Cope

COTYPES (2): 26166–7, Zacatecas, Mexico (restricted to Valparaiso Mountains, Zacatecas, Mexico), A. Dugès, 1884.

Sceloporus torquatus mucronatus Cope

Proc. Amer. Philos. Soc., vol. 22, p. 402, 1885.

=*Sceloporus mucronatus mucronatus* Cope

COTYPES (5): 25075–9, Mirador, Veracruz, Mexico, C. Sartorius. 25077 is the lectotype. 25074 was exchanged to MCZ in 1944.

Sceloporus tristichus Cope

in Yarrow, Report upon the collections of batrachians and reptiles . . . 1871, 1872, 1873, 1874, *in* Report U.S. Geogr. and Geol. Expl. and Surv. West of One Hundr. Mer., vol. 5, p. 571, 1875.

=*Sceloporus undulatus tristichus* Cope

HOLOTYPE: 8613, Taos (Taos County), New Mexico, W. G. Shedd, August 1874.

Sceloporus undulatus erythrocheilus Maslin

Herpetologica, vol. 12, p. 291, 1956.

HOLOTYPE: 137833, Purgatoire River, 19 miles east of Model, Las Animas County, Colorado, T. P. Maslin and H. A. Fehlmann, Sept. 17, 1949.

Sceloporus utiformis Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 16, p. 177, 1864.

COTYPES (2): 42089, near Colima, Colima, Mexico, J. Xantus, 1863. 42090, near Chacan River, Michoacán, Mexico, J. Xantus, May 1863.

Sceloporus vandenburgianus Cope

Amer. Nat., vol. 30, p. 834, 1896.

=*Sceloporus graciosus vandenburgianus* Cope

HOLOTYPE: 21931, ♂, Campbell's Ranch, Laguna, Imperial County, California, summit of coast range, E. A. Mearns, June 20, 1894.

Sceloporus variabilis olloporus Smith

Occ. Pap. Mus. Zool. Univ. Michigan, No. 358, p. 11, 1937.

PARATYPES (4): 37099–100, Ballena Bay, Nicoya, Peninsula, Costa Rica, A. Alfaro, Nov. 15, 1906. 37101–2, ♂, ♀, Circuelas, Costa Rica, 900 ft., A. Alfaro, Nov. 20, 1906.

Sceloporus variabilis smithi Hartweg and Oliver

Occ. Pap. Mus. Zool. Univ. Michigan, No. 356, p. 1, 1937.

PARATYPES (7): 30332–7, Tehuantepec, Oaxaca, Mexico, F. Sumichrast. 46994, Tehuantepec, Oaxaca, Mexico, E. W. Nelson and E. A. Goldman, May 24, 1895.

Sceloporus viviparus Cope

Proc. Amer. Philos. Soc., vol. 22, p. 398, 1885.

=*Sceloporus formosus formosus* Wiegmann

HOLOTYPE: 25073, Mirador, Veracruz, Mexico, C. Sartorius.

PARATYPES (4): 30209–12, Orizaba, Veracruz, Mexico, F. Sumichrast.

Sceloporus woodi Stejneger

Proc. Biol. Soc. Washington, vol. 31, p. 90, 1918.

HOLOTYPE: 48720, ♂, Auburndale, Polk County, Florida, N. R. Wood, 1912.

PARATYPES (21): 11997 (2), Georgiana, Brevard County, Florida, W. Wittfield. 48721, ♀, Auburndale, Polk County, Florida, N. R. Wood, 1912. 60829–39, 60841–7, Georgiana, Brevard County, Florida, W. Wittfield. 60840 was exchanged to UIMNH in 1956.

Sceloporus zosteromus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 15, p. 105, 1863.

=*Sceloporus magister zosteromus* Cope

COTYPES (18): 5298, Cape San Lucas, Baja California, Mexico, J. Xantus. 69472, Santiago, 15 leagues north of San José del Cabo, Baja California, Mexico, J. Xantus, December 1859. 69473–9, Miraflores, 10 leagues north of San José del Cabo, Baja California, Mexico, J. Xantus, December 1859. 69480, Santiago Sierras, between San José and La Paz, Baja California, Mexico, J. Xantus, November 1859. 69481–2, San José Mission, Baja California, Mexico, J. Xantus, May 15, 1859. 69483–7, Cape San Lucas, Baja California, Mexico, J. Xantus, May 1859–March 1860. 69488, Baja California, Mexico, J. Xantus. One from 5298 was exchanged to MCZ in 1944; 1 from 5298 to UIMNH, 1956.

Scincus lateralis Say

in Long, Account of an expedition from Pittsburgh to the Rocky Mountains . . ., vol. 2, p. 324, 1823.

=*Lygosoma lateralis* (Say)

HOLOTYPE: 3152, Mississippi River below Cape Girardeau, Cape Girardeau County, Missouri, S. W. Woodhouse.

Scincus philbyi Schmidt

Field Mus. Nat. Hist., Zool. Ser., vol. 24, p. 162, fig. 18, 1941.

PARATYPE: 134423, 'Anaiza, Saudi Arabia, H. St. J. B. Philby, June 11, 1938.

Scolecosaurus trinitatis Barbour

Mem. Mus. Comp. Zool., vol. 44, p. 316, 1914.

COTYPE: 120795 (formerly MCZ 8957), Caparo, Trinidad, West Indies, A. B. Carr, 1913.

Sphaerodactylus alopex Cope

Proc. Acad. Nat. Sci., Philadelphia, vol. 13 (1861), p. 499, 1862.

=*Sphaerodactylus cinereus* Wagler

Cotype: 52407 (formerly MCZ 3343), Grand' Anse River, near Jérémie, Haiti, D. F. Weinland.

Sphaerodactylus argus henriquesi Grant

Jamaica To-day, p. 134, 1940.

Paratype: 120710 (formerly MCZ 44976), Mandeville, Manchester, Jamaica, A. Henriques, June 1937–February 1938.

Sphaerodactylus bartschi Cochran

Smithsonian Misc. Coll., vol. 92, No. 3259, p. 5, 1934.

=*Sphaerodactylus argus bartschi* Cochran

Holotype: 81759, ♂, Little Cayman Island, West Indies, P. Bartsch, Sept. 13, 1930.

Paratypes (3): 81757–8, 81760, Little Cayman Island, P. Bartsch, Sept. 12–13, 1930. 81761 was exchanged to MCZ in 1934.

Sphaerodactylus caicosensis Cochran

Smithsonian Misc. Coll., vol. 92, No. 3259, p. 7, 1934.

Holotype: 81443, ♀, South Caicos Island (Jamaica), P. Bartsch, July 29, 1930.

Paratype: 81447, ♀, Long Cay, off South Caicos Island, P. Bartsch, July 29, 1930.

Sphaerodactylus corticolus Garman

Bull. Essex Inst., vol. 20, p. 111, 1888.

Cotype: 52408 (formerly MCZ 6219), Rum Cay, Bahama Islands, C. J. Maynard, January 1888.

Sphaerodactylus exsul Barbour

Mem. Mus. Comp. Zool., vol. 44, p. 264, 1914.

Paratype: 120711 (formerly MCZ 29975), Little Swan Island, Honduras, G. Nelson, March 1912.

Sphaerodactylus gaigeae Grant

Journ. Dept. Agr. Puerto Rico, vol. 16, p. 31, 1932.

Cotypes (2): 120712–3, 10 km. south of Canóvanas, Puerto Rico, C. Grant, May 1932.

Sphaerodactylus glaucus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 17, p. 192, 1865.

=*Sphaerodactylus glaucus glaucus* Cope

Cotypes (3): 6572, near Mérida, Yucatán, Mexico, A. Schott, February 1866. 62995–6, near Mérida, Yucatán, Mexico, A. Schott, Dec. 22, 1866. 62994 was exchanged to MCZ in 1920.

Sphaerodactylus grandisquamis Stejneger

Report of the U.S. National Museum . . . for the year ending June 30, 1902, p. 602, figs. 46–52, 1904.

=*Sphaerodactylus macrolepis* Günther

Holotype: 27007, Luquillo, Puerto Rico, L. Stejneger, Mar. 4, 1900.

Paratypes (52): 25549–53, Isabel Island, Vieques Island, Puerto Rico, A. B. Baker, Feb. 7, 1899. 27008–16, 27018–28, 27030, 27032–45, Luquillo, Puerto Rico, L. Stejneger, March 1900. 27142–45, Vieques Island, Puerto Rico, L. Stejneger, Mar. 26, 1900. 27305–12, Ponce, Puerto Rico, L. Stejneger, Apr. 16–June 23, 1900. 27017, 27029, and 27031 were exchanged to MCZ in 1909.

Sphaerodactylus homolepis Cope

Proc. Amer. Philos. Soc., vol. 23, p. 277, 1886.

Holotype: 14207, Nicaragua, J. F. Bransford.

Sphaerodactylus klauberi Grant

Journ. Dept. Agr. Puerto Rico, vol. 15, p. 207, pl. 20, fig. 1, pl. 23, fig. 13, 1931.

Paratype: 120719, Rangers Cabin, El Junque, Puerto Rico, C. Grant, Jan. 11, 1931.

Sphaerodactylus mariguanae Cochran

Smithsonian Misc. Coll., vol. 92, No. 3259, p. 9, 1934.

Holotype: 81381, Booby Island, east of Mariguana Cay, Bahama Islands, P. Bartsch, July 21, 1930.

Paratypes (6): 81376–8, 81380, 81382–3, same data. 81379 was exchanged to MCZ in 1934.

Sphaerodactylus nicholsi Grant

Journ. Dept. Agr. Puerto Rico, vol. 15, p. 204, pl. 23, fig. 11, 1931.

Paratypes (7): 120731–7, Pazuera, Puerto Rico, C. Grant, July 30, 1932.

Sphaerodactylus pacificus Stejneger

Proc. Biol. Soc. Washington, vol. 16, p. 3, 1903.

Holotype: 31057, Cocos Island, Costa Rica, P. Biolley, January 1902.

Paratypes (3): 31059–61, same data. 31058 was exchanged to MCZ in 1920.

Sphaerodactylus richardsoni gossei Grant

Copeia, No. 1, p. 10, fig. 2, 1939.

Paratypes (2): 108406–7, near mouth of Roaring River, Jamaica, C. Grant, Mar. 20, 1938.

Sphaerodactylus sabanus Cochran

Proc. Biol. Soc. Washington, vol. 51, p. 148, 1938.

Holotype: 103985, Saba Island, West Indies, S. T. Danforth, June 19, 1937.

Paratypes (16): 103986, 103988–93, 103995–104003, same data. 103987, 103994, and 104004 were exchanged to MCZ in 1938.

Sphaerodactylus samanensis Cochran

Proc. Biol. Soc. Washington, vol. 45, p. 183, 1932.

=*Sphaerodactylus difficilis* Barbour

Holotype: 74970, Boca del Infierno, Dominican Republic, G. S. Miller, Jr., Feb. 28, 1928.

Paratypes (3): 74971–3, same data.

Sphaerodactylus stejnegeri Cochran

Copeia, No. 3, p. 89, 1931.

Holotype: 76640, San Michel, Haiti, A. J. Poole and W. M. Perrygo, Dec. 21–31, 1928.

Paratype: 60617, southwestern Haiti, W. L. Abbott.

Sphaerodactylus townsendi Grant

Journ. Dept. Agr. Puerto Rico, vol. 15, p. 208, pl. 23, fig. 12, 1931.

Paratypes (4): 120738–41, Cape San Juan, northeast corner, Puerto Rico, C. Grant, Jan. 25, 1931.

Sphenomorphus atrigularis Stejneger

Proc. U.S. Nat. Mus., vol. 34, p. 199, figs. 1–2, 1908.

Holotype: 37386, Datu Ahib's place, base of Malingdang Mountains, Catagan, Misamis Province, Mindanao, Philippine Islands, E. A. Mearns, May 24, 1906.

Sphenomorphus deignani Taylor

Univ. Kansas Sci. Bull., vol. 33, p. 497, fig. 3a–b, 1950.

Holotype: 120326, Mount Ganoruva, Peradiniya, Kandy District, Ceylon, H. G. Deignan, Nov. 12, 1944.

Sphenomorphus helenae Cochran

Proc. Biol. Soc. Washington, vol. 40, p. 183, 1927.

Holotype: 67265, Nontaburi, Siam (Thailand), Hugh M. Smith, Sept. 2, 1923.

Sphenomorphus indicus formosensis Van Denburgh

Advance diagnoses of new reptiles and amphibians from the Loo Choo Islands and Formosa, p. 6, July 29, 1912 (published privately).

Paratype: 64209 (CAS 18687), Kanshirei, Formosa, V. Kuhne, Mar. 30, 1909.

Sphenomorphus melanopleurus Inger

Chicago Nat. Hist. Mus.: Fieldiana, Zool., vol. 39, p. 264, fig. 45, 1958.

PARATYPE: 139415, Sepik River, Marienberg, New Guinea, W. A. Weber and F. C. Wonder, May 1929.

Sphenomorphus multisquamatus Inger

Chicago Nat. Hist. Mus.: Fieldiana, Zool., vol. 39, p. 261, figs. 43 (right), 44, 1958.

PARATYPE: 130235, Bundu Tuhan, Mount Kinabalu, North Borneo, D. H. Johnson, July 1, 1951.

Sphenomorphus sabanus Inger

Chicago Nat. Hist. Mus., Fieldiana: Zool., vol. 39, p. 258, figs. 42, 43 (left), 1958.

PARATYPE: 139416, Deramakot, Kanabatangan District, North Borneo, R. F. Inger, Apr. 24, 1956.

Sphenomorphus steerei Stejneger

Proc. U.S. Nat. Mus., vol. 34, p. 201, figs. 3–4, 1908.

HOLOTYPE: 32658, Guimaras Island, Philippine Islands, J. B. Steere.

Sphenosoma hughi Cochran

Proc. Biol. Soc. Washington, vol. 40, p. 185, 1927.

HOLOTYPE: 72275, Koh Tao, Gulf of Siam (Thailand), Hugh M. Smith, Jan. 1, 1927.

PARATYPES (2): 72274, 72276, same data.

Stenocercus ervingi Stejneger

Proc. U.S. Nat. Mus., vol. 45, p. 545, 1913.

=*Stenocercus crassicaudatus* (Tschudi)

HOLOTYPE: 49550, Huadquiñia, Peru, 5,000 ft., Yale-Peruvian Expedition, 1911.

Stenodactylus variegatus Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10 (1858), p. 254, 1859.

=*Coleonyx variegatus variegatus* (Baird)

HOLOTYPE: 3217, Colorado Desert (restricted to Winterhaven, Imperial County, California), A. Schott.

Takydromus dorsalis Stejneger

Smithsonian Misc. Coll., vol. 47, No. 1487, p. 294, 1904.

=*Platyplacopus dorsalis* (Stejneger)

HOLOTYPE: 34162, Ishigaki, Yaeyama Group, Riu Kiu (Ryukyu) Islands, A. Owston, April–June, 1899.

PARATYPES (6): 34160–1, 34163–4, 34168–9, same data. 34165 was exchanged to BMNH in 1916; 34166–7 were exchanged to MCZ, 1944.

Takydromus intermedius Stejneger

Occ. Pap. Boston Soc. Nat. Hist., vol. 5, p. 120, 1924.

=*Platyplacopus intermedius* (Stejneger)

HOLOTYPE: 64437, Shin Kai Si Mountain, Szechwan, China, D. C. Graham, 1921.

PARATYPES (3): 64425, 65467, Mount Omei, Szechwan, China, D. C. Graham, 1921. 65933, Suifu, Szechwan, China, D. C. Graham, 1923. 63594 was exchanged to MCZ in 1944.

Takydromus khasiensis Boulenger

Mem. Asiatic Soc. Bengal, vol. 5, No. 6, p. 221, 1917.

PARATYPE: 84994, Loshiang, Yaoshan Mountains, Kwangsi, China, SYUM.

Takydromus tachydromoides oldi Walley

Herpetologica, vol. 14, p. 202, fig. 1, 1958.

HOLOTYPE: 129618, ♀, Taejon, Korea, picked up in an abandoned school by W. E. Old, January 1951.

PARATYPE: 129616, same data.

Tapaya brevirostris Girard

in U.S. Exploring Expedition . . . 1838–42, vol. 20 (Herpetology), p. 397, 1858.

=*Phrynosoma douglassii brevirostris* (Girard)

COTYPES (10): 208, 4592 (9), Pole Creek, Nebraska, S. W. Woodhouse, July 26, 1856.

Tapaya hernandesi Girard

in U.S. Exploring Expedition . . . 1838–42, vol. 20 (Herpetology), p. 395, 1858.

=*Phrynosoma douglassii hernandesi* (Girard)

COTYPES (2): 197, Sonora (restricted to Sante Fe, New Mexico), J. H. Clark. 198, Santa Fe (Santa Fe County, New Mexico), J. H. Clark. One cotype was exchanged to MHNP.

Tapaya ornatissima Girard

in U.S. Exploring Expedition . . . 1838–42, vol. 20 (Herpetology), p. 396, 1858.

=*Phrynosoma douglassii ornatissimum* (Girard)

COTYPES (2): 204 (2), Zuni Mountains, New Mexico, S. W. Woodhouse, 1851.

Tiaporus fuliginosus Cope

Proc. Amer. Philos. Soc., vol. 30, p. 132, 1 pl., 1892.

=*Ameiva ameiva fuliginosa* (Cope)

COTYPES (3): 14710, 32119–32120, Swan Island, Honduras, C. H. Townsend, May 20, 1887. 32118 was exchanged to MCZ in 1925.

Tiliqua dura Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 190, 1862.

=*Sphenosoma durum* (Cope)

Holotype: 5996, western Africa (probably Sierra Leone), S. M. E. Goheen.

Tropidophorus misaminius Stejneger

Proc. U.S. Nat. Mus., vol. 34, p. 202, figs. 5–6, 1908.

Holotype: 37383, Catagan, Misamis Province, Mindanao, Philippine Islands, 1,100 ft., E. A. Mearns, May 25, 1906.

Paratypes (2): 37384–5, same data.

Tropidophorus partelloi Stejneger

Proc. U.S. Nat. Mus., vol. 39, p. 97, 1910.

Holotype: 39308, Mataling River Falls, Mindanao, Philippine Islands, 1,400 ft., J. M. T. Partello, Dec. 12, 1908.

Tropidurus abingdonensis Baur

Biol. Centralbl., vol. 10, p. 479, 1890.

=*Tropidurus pacificus* Steindachner

Cotypes (33): 14966–97, 15001, Abingdon Island, Galápagos Islands (Ecuador), U.S. Fish Commission *Albatross*, Apr. 16, 1888. 14999–15000 were exchanged to MCZ in 1926; 14998 was exchanged to UIMNH, 1956.

Tropidurus albemarlensis Baur

Biol. Centralbl., vol. 10, p. 478, 1890.

=*Tropidurus albemarlensis albemarlensis* Baur

Cotypes (9): 15003–9, 15011, 15013, Albemarle Island, Galápagos Islands (Ecuador), U.S. Fish Commission *Albatross*, Apr. 10, 1886. 15012 was exchanged to MCZ in 1926; 15010 to AMNH, 1930.

Tropidurus duncanensis Baur

Biol. Centralbl., vol. 10, p. 479, 1890.

Cotypes (4): 14941–4, Duncan Island, Galápagos Islands (Ecuador), U.S. Fish Commission, *Albatross*, Apr. 13, 1888.

Tropidurus hoodensis Baur

Biol. Centralbl., vol. 10, p. 478, 1890.

=*Tropidurus delanonis* Baur

Cotypes (16): 14926–30, Gardners Island, Galápagos Islands (Ecuador), U.S. Fish Commission *Albatross*, Apr. 7, 1888. 15014–8, 15020–5, Hood Island, Galápagos Islands, U.S. Fish Commission, *Albatross*, Apr. 7, 1888. 15026 was exchanged to MCZ in 1926.

Tropidurus indefatigabilis Baur

Biol. Centralbl., vol. 10, p. 478, 1890.

=*Tropidurus albemarlensis albemarlensis* Baur

Cotypes (36): 14897–915, 14917–24, James Island, Galápagos Islands (Ecuador), U.S. Fish Commission *Albatross*, Apr. 11, 1888. 14931–7, 14939–40, Indefatigable Island, Galápagos Islands, U.S. Fish Commission *Albatross*, Apr. 12, 1888. 14916 and 14938 were exchanged to MCZ in 1926.

Tropidurus lemniscatus Cope

Proc. U.S. Nat. Mus., vol. 12, p. 145, 1890.

=*Tropidurus bivittatus* (Peters)

Cotypes (16): 14946–55, 14959–64, Chatham Island, Galápagos Islands (Ecuador), U.S. Fish Commission *Albatross*, April 4, 1888. 14958 was exchanged to MCZ in 1928.

Uma notata Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10 (1858), p. 253, 1859.

Holotype: 4124, "Mojave Desert, California" (restricted to Yuma, Yuma County, Arizona), A. L. Heerman.

Uma rufopunctata Cope

Amer. Nat., vol. 29, p. 939, 1895.

=*Uma notata notata* Baird

Cotypes (6): 21846–47, 21849–52, Monument 200, Yuma Desert (Yuma County), Arizona, E. A. Mearns, May 15–16, 1894. 21848 was exchanged to UIMNH in 1956.

Uma scoparia Cope

Amer. Nat., vol. 28, p. 435, figs. 3–4, 1894.

=*Uma notata scoparia* Cope

Holotype: 6063, Fort Buchanan?, Arizona? (probably from San Bernardino County, California), B. J. D. Irwin.

Urosaurus bicarinatus spinosus Bumzahem and Smith

Herpetologica, vol. 10, p. 181, fig. 1, 1954.

Holotype: 113341, ♂, Tonalá, Chiapas, Mexico, H. M. Smith, Jan. 26–30, 1940.

Paratype: 113342, ♀, same data.

Uta anonymorpha Mittleman

Herpetologica, vol. 2, p. 34, pl. 3, fig. 2, 1940.

=*Urosaurus bicarinatus anonymorphus* (Mittleman)

Paratypes (3): 30095–7, Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Uta auriculata Cope

Proc. Boston Soc. Nat. Hist., vol. 14, p. 303, 1871.

=*Urosaurus auriculatus* (Cope)

Holotype: 46988, near Tehuantepec, Oaxaca, Mexico, E. W. Nelson and E. A. Goldman, May 27, 1895.

Holotype: 7027, skin, Socorro Island, Revillagigedo Islands, Colima, Mexico, A. J. Grayson.

Uta caerulea Smith

Univ. Kansas Sci. Bull., vol. 22, p. 172, pl. 26, fig. 3, 1935.

=*Urosaurus ornatus caeruleus* (Smith)

PARATYPE: 138897 (former UIMNH 22082), 20 miles south of Chihuahua, Chihuahua, Mexico, H. M. Smith and D. H. Dunkle, June 22, 1934.

Uta clarionensis Townsend

Proc. U.S. Nat. Mus., vol. 13, p. 143, 1890.

=*Urosaurus clarionensis* (Townsend)

HOLOTYPE: 15904, Clarión Island, Revillagigedo Islands, Colima, Mexico, C. H. Townsend, Mar. 4, 1889.

PARATYPES (4): 15905–8, same data.

Uta concinna Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 470, 1919.

HOLOTYPE: 64257, ♂, Cedros Island, Baja California, Mexico (given as "Cerros Island" in the original description), C. H. Townsend, Mar. 10, 1911.

Uta elegans Yarrow

Proc. U.S. Nat. Mus., vol. 5, p. 442, 1882.

=*Uta stansburiana elegans* Yarrow

COTYPES (13): 12666 (9), 12668 (4), La Paz, Baja California, Mexico, L. Belding, 1882. One from 12666 was exchanged to BMNH; one from 12666 to UIMNH, 1956.

Uta levis Stejneger

North Amer. Fauna, No. 3, p. 108, 1890.

HOLOTYPE: 11474, ♂, Tierra Amarilla, Rio Arriba County, New Mexico, 7,800 ft., E. D. Cope, Sept. 15, 1874.

PARATYPE: 8554, ♀, same data.

Uta mannophorus Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 470, 1919.

HOLOTYPE: 64260, ♂, Carmen Island, Gulf of California, Baja California, Mexico, C. H. Townsend, Apr. 5, 1911.

Uta mearnsi Stejneger

Proc. U.S. Nat. Mus., vol. 17, p. 589, 1894.

=*Streptosaurus mearnsi* (Stejneger)

HOLOTYPE: 21882, ♀, summit of Coast Range, U.S.-Mexican Boundary, California, E. A. Mearns, May 16, 1894.

PARATYPES (5, from the U.S.-Mexican Boundary at the summit of the Coast Range in California collected by E. A. Mearns): 21883, ♀, mountain spring, eastern slope, May 13, 1894. 21884–5, ♀, ♀, eastern base, May 11, 1894. 21886–7, ♂, ♂, mountain spring, eastern base, May 11, 9, 1894. 21888 was exchanged to UIMNH in 1956.

Uta nelsoni Schmidt

Amer. Mus. Novit., No. 22, p. 4, 1921.

=*Urosaurus bicarinatus nelsoni* (Schmidt)

HOLOTYPE: 46836, ♂, Cuicatlán, Oaxaca, Mexico, E. W. Nelson and E. A. Goldman, October 9, 1894.

Uta nigricauda Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 16, p. 176, 1864.

=*Urosaurus nigricaudus* (Cope)

COTYPES (31): 5307 (19), Cape San Lucas, Baja California, Mexico, J. Xantus. 69414–5, Miraflores, 10 leagues north of San José, Baja California, Mexico, J. Xantus, December 1859. 69416–8, Cape San Lucas, Baja California, Mexico, J. Xantus, December 1859. 69419–25, Santiago Sierras, between San José and La Paz, Baja California, Mexico, J. Xantus, November 1859.

Uta ornata Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 126, 1852.

=*Urosaurus ornatus ornatus* (part) (Baird and Girard)

COTYPES (2): 2750 (2), San Pedro, Texas (restricted to Rio San Pedro, Val Verde County, Texas), J. H. Clark.

Uta ornata linearis Baird

Reptiles of the boundary, *in* U.S. and Mexican Bound. Surv., vol. 2, pt. 2, p. 7, 1859.

=*Urosaurus ornatus linearis* (Baird)

NEOTYPE: 62077, Nogales, Sonora, Mexico, F. J. Dyer.

Uta ornata schmidti Mittleman

Herpetologica, vol. 2, p. 33, pl. 3, fig. 1, 1940.

=*Urosaurus ornatus schmidti* (Mittleman)

HOLOTYPE: 32929, ♂, Fort Davis, Jeff Davis County, Texas, Chisos Mountains, V. O. Bailey, June 3, 1901.

PARATYPES (15): 11957 (2), Fort Davis, Jeff Davis County, Texas, W. F. von Manteufel, July 1878. 30012, El Paso, El Paso County, Texas, H. H. and C. S. Brimley, Mar. 29, 1902. 32928–9, Fort Davis, Jeff Davis County, Texas, V. O. Bailey, Jan. 3–6, 1890. 32930–1, Davis Mountains, Jeff Davis County, Texas, V. O. Bailey, Jan. 3, 1890. 32932–3, Paisano, Presidio County, Texas, W. Lloyd, July 1890. 32934–5, Altuda, Brewster County, Texas, W. Lloyd, August 1890. 32936, Chisos Mountains, Brewster County, Texas, V. O. Bailey, June 6, 1901. 92897–8, 6 miles northwest of Alpine, Brewster County, Texas, L. Hoyle, June 17, 1933. 103646, Oak Creek, Chisos Mountains, Brewster County, Texas, T. F. Smith, June 1936.

Uta palmeri Stejneger

North Amer. Fauna, No. 3, p. 106, 1890.

HOLOTYPE: 16002, San Pietro Mártir Island, Gulf of California, Sonora, Mexico, E. Palmer.

PARATYPES (12): 16003–14, same data.

Uta parva Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 471, 1919.

=*Uta stansburiana hesperis* Richardson

HOLOTYPE: 64258, ♂, San Bartolomé Bay, Baja California, Mexico, C. H. Townsend, Mar. 13, 1911.

Uta squamata Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 471, 1919.

HOLOTYPE: 64259, ♂, Santa Catalina Island, Gulf of California, Baja California, Mexico, C. H. Townsend, May 16, 1911.

Uta stansburiana Baird and Girard

in Stansbury, Report Expl. and Surv. Valley of the Great Salt Lake of Utah . . ., p. 345, pl. 5, figs. 4–6, 1852.

=*Uta stansburiana stansburiana* Baird and Girard

COTYPES (4): 2753 (4), Valley of the Great Salt Lake, Utah, H. Stansbury.

Uta symmetrica Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10, p. 253, 1858.

=*Urosaurus ornatus symmetricus* (Baird)

NEOTYPE: 2744A, Fort Yuma (Imperial County), California, G. W. Thomas, 1855.

Uta taylori Smith

Univ. Kansas Sci. Bull., vol. 22, p. 158, pl. 26, fig. 3, 1935.

PARATYPE: 134308 (formerly UIMNH 27454), La Posa, Sonora, Mexico, E. H. Taylor, July 13, 1934.

Uta thalassina Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 15, p. 104, 1863.

=*Petrosaurus thalassinus* (Cope)

HOLOTYPE: 5302, Cape San Lucas, Baja California, Mexico, J. Xantus.

Uta unica Mittleman

Journ. Washington Acad. Sci., vol. 31, p. 74, fig. 3, 1941.

=*Urosaurus unicus* (Mittleman)

HOLOTYPE: 14248, ♀, Chihuahua, Mexico, E. Wilkinson.

Verticaria beldingi Stejneger

Proc. U.S. Nat. Mus., vol. 17, p. 17, 1894.
=*Cnemidophorus hyperythrus beldingi* (Stejneger)
HOLOTYPES 11980, Cerros (=Cedros) Island, Baja California, Mexico (probably from San Quintín Bay), L. Belding, 1878.

Verticaria caerulea Dickerson

Bull. Amer. Mus. Nat. Hist., vol. 41, p. 472, 1919.
=*Cnemidophorus hyperythrus caeruleus* (Dickerson)
HOLOTYPE: 64251, Carmen Island, Gulf of California, Baja California, Mexico, C. H. Townsend, Apr. 3, 1911.

Wetmorena haetiana Cochran

Proc. Biol. Soc. Washington, vol. 40, p. 91, 1927.
HOLOTYPE: 72600, Morne Cabaio, Massif de la Selle, Haiti, 7,500 ft., A. Wetmore, Apr. 10, 1927.
PARATYPES (2): 72601, 72604, same data. 72602 was exchanged to MZUM in 1943; 72603 to MCZ, 1927.

Xantusia arizonae Klauber

Trans. San Diego Soc. Nat. Hist., vol. 7, p. 3, pl. 1, figs. 1–2, 1931.
PARATYPE: 84587, 1 mile south of Yarnell, Yavapai County. Arizona. 4,940 ft., P. M. and L. M. Klauber, Aug. 21, 1931.

Xantusia henshawi Stejneger

Proc. U.S. Nat. Mus., vol. 16, p. 467, 1893.
HOLOTYPE: 20339, Witch Creek, San Diego County, California, 2,700 ft., H. W. Henshaw, May 1893.

Xantusia riversiana reticulata Smith

Journ. Washington Acad. Sci., vol. 36, p. 392, 1946.
=*Xantusia riversiana* Cope
HOLOTYPE: 124381, San Clemente Island, Orange County, California, C. W. Kern, summer of 1940.

Xantusia vigilis Baird

Proc. Acad. Nat. Sci. Philadelphia, vol. 10 (1858), p. 255, 1859.
COTYPES (3): 3063 (3), Fort Tejon (Kern County), California, J. Xantus.

Xiphosurus oculatus Cope

Proc. Amer. Philos. Soc., vol. 18, p. 274, 1879.
=*Anolis oculatus* (Cope)
COTYPES (10): 10139–48, Dominica, West Indies, F. A. Ober, July 1877.

Suborder Serpentes

Adelphicos veraepacis nigrilatus Smith

Proc. Rochester Acad. Sci., vol. 8, p. 182, figs. 1, 5, 1942.

PARATYPE: 137219, San Cristóbal, Chiapas, Mexico, H. D. Thomas, 1937.

Aepidia robusta Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 488, 1861.

=*Elaphe oxycephala* (Boie)

HOLOTYPE: 7508, Gaspar Straits (off the south coast of Sumatra between Bangka and Billiton, Indonesia), J. Rodgers.

Agkistrodon blomhoffii brevicaudus Stejneger

U.S. Nat. Mus. Bull. 58, p. 463, 1907.

HOLOTYPE: 17507, ♂, Pusan, Korea, P. L. Jouy, 1885.

PARATYPES (3): 14612–3, ♂, ♀, Korea, N. M. Ferebee, 17508, ♂, Seoul, Korea, P. L. Jouy, 1883.

Agkistrodon mokeson pictigaster Gloyd and Conant

Bull. Chicago Acad. Sci., vol. 7, p. 156, fig. 10, 1943.

=*Agkistrodon contortrix pictigaster* (Gloyd and Conant)

PARATYPE: 103659, Pulliam Canyon, Chisos Mountains, Brewster County, Texas, 5,500 ft., T. F. Smith, July 4, 1936.

Aipysurus foliosquama Smith

Monograph of the sea-snakes (Hydrophidae), p. 22, figs. 11–12, 1926.

PARATYPE: 71050, ♀, Ashmore Reefs, Timor Sea, North Australia, M. A. Smith, 1925.

Alsophis angulifer ruttyi Grant

Herpetology of the Cayman Islands, Bull. Inst. Jamaica, Sci. Ser., No. 2, p. 50, pl. 3, figs. 5–6, 1941.

PARATYPES (2): 108010–11, Little Cayman, Jamaica, C. Grant, Apr. 8–12, 1938.

Alsophis funereus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 77, 1862.

=*Leimadophis funereus* (Cope)

PARATYPES (2): 5780, 12372 (formerly 5778), Jamaica, C. B. Adams.

Alsophis leucomelas danforthi Cochran

Proc. Biol. Soc. Washington, vol. 51, p. 153, 1938.

HOLOTYPE: 104237, ♂, Terre-de-Bas, Isles des Saintes, West Indies, S. T. Danforth, July 5, 1937.

Alsophis nicholsi richardi Grant

Journ. Agr. Univ. Puerto Rico, vol. 30, p. 124, 1949.

HOLOTYPE: 66522, ♂, St. Thomas, Virgin Islands, E. Sebastian, 1923.

PARATYPES (5): 12403a–b, St. Thomas, Virgin Islands, A. H. Riise. 66523–5, St. Thomas, Virgin Islands, E. Sebastian.

Alsophis sanctorum Barbour

Proc. Biol. Soc. Washington, vol. 28, p. 78, 1915.

=*Alsophis leucomelas sanctorum* Barbour

PARATYPE: 104497 (formerly MCZ 10690), Terre d'en Haut, Iles des Saintes, near Guadeloupe, West Indies, G. K. Noble, 1914.

Alsophis sibonius Cope

Proc. Amer. Philos. Soc., vol. 18, p. 275, 1879.

HOLOTYPE: 10138, Dominica, West Indies, F. A. Ober, July 1877.

Alsophis vudii raineyi Barbour and Shreve

Proc. Boston Soc. Nat. Hist., vol. 40, p. 363, 1935.

PARATYPE: 120808 (formerly MCZ 37940), Landrail Point, Crooked Island, Bahama Islands, T. Barbour, March 1924.

Amphiesma flavipunctatum Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 503, 1861.

=*Natrix piscator flavipunctata* (Hallowell)

HOLOTYPE: 7387, ♂, Island of Hongkong (off the mainland of China), J. M. Brooke, May 1854.

Anomalepis aspinosus Taylor

Proc. New England Zool. Club, vol. 17, p. 92, 1939.

PARATYPE: 76295 (formerly MCZ 14784), Perico, Peru, G. K. Noble, September 1916.

Aporophis juliae Cope

Proc. Amer. Philos. Soc., vol. 18, p. 274, 1879.

=*Leimadophis juliae* (Cope)

HOLOTYPE: 10152, Dominica, West Indies, F. A. Ober, 1877.

Arizona elegans Kennicott

in Baird, Reptiles of the boundary, *in* Report U.S. and Mexican Bound. Surv., vol. 2, pt. 2, p. 18, pl. 13, 1859.

=*Arizona elegans elegans* Kennicott

COTYPES (2): 1722, Lower Rio Grande, Texas, A. Schott. 4266, between Arkansas and Cimarron Rivers, Oklahoma, J. H. Clark.

Arizona elegans blanchardi Klauber

Trans. San Diego Soc. Nat. Hist., vol. 10, p. 328, 1946.

PARATYPE: 89239, near Hutchinson, Reno County, Kansas, W. T. Cole, September 1932.

Arizona elegans expolita Klauber

Trans. San Diego Soc. Nat. Hist., vol. 10, p. 340, 1946.

HOLOTYPE: 46374, ♂, Casas Grandes, Chihuahua, Mexico, E. W. Nelson and E. A. Goldman, May 27, 1899.

PARATYPE: 14298, Chihuahua, Mexico, E. Wilkinson, Oct. 10, 1885.

Arizona elegans noctivaga Klauber

Trans. San Diego Soc. Nat. Hist., vol. 10, p. 343, 1946.

PARATYPES (3): 8002, Camp Grant (Graham County), Arizona, E. Palmer. 37112, mesa south of Fort Mojave (Mohave County), Arizona, C. W. Adams, June 9, 1904. 44259, Phoenix (Maricopa County), Arizona, V. O. Bailey, May 21, 1889.

Arizona elegans occidentalis Blanchard

Occ. Pap. Mus. Zool. Univ. Michigan, No. 150, p. 1, 1924.

HOLOTYPE: 54372, La Jolla, San Diego County, California, J. C. Thompson, May 1916.

PARATYPES (10): 8408, southeastern Arizona, H. W. Henshaw, October 1873. 13839, San Diego, San Diego County, California, H. C. Orcutt. 14176, Mojave Desert, California, G. Eisen, July 29, 1885. 16848, Pacific Beach, San Diego County, California, C. R. Orcutt, January 1890. 17401, Alhambra, Los Angeles County, California, E. C. Thurber, Apr. 12, 1889. 29657, Yuma (Yuma County), Arizona, H. Brown, 1901. 37519, San Tomas, Lower California, Mexico, E. W. Nelson and E. A. Goldman, May 25, 1905. 37529, San Quintín, Marin County, California, E. W. Nelson and E. A. Goldman, Aug. 20, 1905. 44389, Fresno, Fresno County, California, C. P. Streator, July 4, 1893. 54371, La Jolla, San Diego County, California, J. C. Thompson, May 1916.

Arizona jani Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 369, 1861.

=*Pituophis deppei jani* (Cope)

HOLOTYPE: 1522, Buena Vista, Coahuila, Mexico, D. N. Couch, 1853.

Arrhyton bivittatum Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 82, 1862.

=*Arrhyton vittatum* (Gundlach and Peters)

HOLOTYPE: 5784, Cuba, F. Poey.

Arrhyton fulvum Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 82, 1862.

=*Arrhyton taeniatum* Günther

Holotype: 12421, eastern Cuba.

Barbourina equatoriana Amaral

Journ. Washington Acad. Sci., vol. 14, p. 201, 1924.

=*Clelia clelia scytalina* (Cope)

Holotype: 62790, ♂, Guayaquil, Ecuador, F. W. Goding, April 1920.

Bascanion anthonyi Stejneger

Proc. U.S. Nat. Mus., vol. 23, p. 715, 1901.

=*Masticophis anthonyi* (Stejneger)

Holotype: 24390, Clarion Island, Revillagigedo Islands, Colima, off west coast of Mexico, A. W. Anthony.

Paratypes (11): 24382–9, 24391–2, 24394, same data. 24393 was exchanged to CAS in 1921.

Bascanion flagellum frenatum Stejneger

North Amer. Fauna, No. 7, p. 208, 1893.

=*Masticophis flagellum piceus* (Cope)

Holotype: 16340, Mountain Spring, Colorado Desert, San Diego County, California, C. R. Orcutt, June 1890.

Bascanion foxii Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 96, 1853.

=*Coluber constrictor foxii* (Baird and Girard)

Cotypes (2): 4445, Grosse Ile, Wayne County, Michigan, C. Fox. 131711 (formerly 4446), Pittsburgh, Allegheny County, Pennsylvania, B. A. Fahnestock.

Bascanion suboculare Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 319, 1867.

=*Masticophis mentovarius* (Duméril and Bibron)

Cotypes (2): 6753, 6762, between Cobán and Clusec, Guatemala, H. Hague.

Bascanion vetustus Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 97, 1853.

=*Coluber constrictor mormon* Baird and Girard

Paratypes (3): 4418–9, 4454, Puget Sound (Washington), U.S. Exploring Expedition, 1841. One from 4419 was exchanged to ANSP.

Bascanium piceum Cope

Proc. U.S. Nat. Mus., vol. 14, p. 625, 1892.

=*Masticophis flagellum piceus* (Cope)

Holotype: 7891, Camp Grant (Graham County), Arizona, E. Palmer.

Bascanium semilineatum Cope

Proc. U.S. Nat. Mus., vol. 14, p. 626, 1892.

=*Masticophis bilineatus* Jan

COTYPES (2): 1981, Colorado River bottom, Arizona, A. Schott. 8434, Camp Grant (Graham County), Arizona, C. Rutter, Sept. 16, 1874.

Boiga dendrophila occidentalis Brongersma

Zool. Meded. Rijksmuseum Nat. Hist., vol. 17, p. 211, pl. 1, figs. 2, 14, pl. 2, figs. 5–7, text-figs. 34–38, 1934.

PARATYPES (5): 31667–8, ♂, ♀, Lofau, Nias Island, west coast of Sumatra, W. L. Abbott, Mar. 29–30, 1903. 35793–4, 36272, ♂, ♀, ♂, Nias Island, west coast of Sumatra, W. L. Abbott, Mar. 13, 14, 27, 1905.

Bothrops diporus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 347, 1862.

=*Bothrops neuwiedii diporus* Cope

HOLOTYPE: 12380 (formerly 5401), Vermejo River region (boundary of Paraguay and Argentina), La Plata Expedition.

Bothrops lansbergii venezuelensis Roze

Amer. Mus. Novit., No. 1934, p. 11, 1959.

PARATYPE: 129577, Caripito, Monagas, Venezuela, F. Pifano.

Bothrops leptura Amaral

Proc. New England Zool. Club, vol. 8, p. 102, 1923.

HOLOTYPE: 50110, Cana, Panama, 3,000 ft., E. A. Goldman, June 7, 1912.

Bothrops nummifer veraecrucis Burger

Bull. Chicago Acad. Sci., vol. 9, p. 65, 1950.

HOLOTYPE: 25045, Veracruz, Mexico (probably from Mirador, which was designated by Burger as the type locality), C. Sartorius.

PARATYPE: 6371, Mirador, Veracruz, Mexico, C. Sartorius.

Calamaria mearnsi Stejneger

Smithsonian, Misc. Coll., vol. 50, p. 30, 1907.

HOLOTYPE: 36991, Tangob, Mindanao, Philippine Islands, E. A. Mearns, June 10, 1906.

Calamaria raveni Cochran

Proc. Biol. Soc. Washington, vol. 36, p. 91, 1923.

HOLOTYPE: 51638, Sungai Merah, Borneo, H. C. Raven, April 1914.

Calamaria schmidti Inger

Chicago Nat. Hist. Mus., Fieldiana: Zool., vol. 37, p. 197, 1955.

HOLOTYPE: 130240, Bundu Tuhan, Mount Kinabalu, North Borneo, D. H. Johnson, July 25, 1951.

Calamaria tenuis Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 176, 1852.

=*Contia tenuis* (Baird and Girard)

HOLOTYPE: 7289, Puget Sound (Washington), U.S. Exploring Expedition, 1841. This specimen is probably also a paratype of *Contia mitis* Baird and Girard.

Calamaria ventralis Cochran

Proc. Biol. Soc. Washington, vol. 36, p. 91, 1923.

=*Calamaria lovii ventralis* Cochran

HOLOTYPE: 51637, Sungai Merah, Borneo, H. C. Raven, April 1914.

Callirhinus patagoniensis Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 9 (1857), p. 182, 1858.

=*Philodryas schottii* (Schlegel)

COTYPE: 5536, coast of Patagonia near mouth of Río Negro (Argentina), U.S. Exploring Expedition, 1839. One of 5536 was exchanged to ANSP.

Callophis hughi Cochran

Proc. Biol. Soc. Washington, vol. 40, p. 190, 1927.

HOLOTYPE: 72307, Koh Tao, Gulf of Siam (Thailand), Hugh M. Smith, Jan. 1, 1927.

Cantoria violacea Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 9 (1857), p. 182, 1858.

=*Cantoria elapiformis* (Peters)

HOLOTYPE: 5523, neighborhood of Singapore (Malaya), U.S. Exploring Expedition, 1842.

Catostoma nasale Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 20, p. 131, 3 figs. 1868.

=*Geophis nasalis* (Cope)

PROBABLE COTYPE: 12425a, Guatemala, C. H. Van Patten.

Catostoma psephotum Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 18, p. 146, 1875.

=*Ninia psephota* (Cope)

HOLOTYPE: 61971, Pico Blanco, Costa Rica, 5,000–7,000 ft., W. M. Gabb.

Caudisona basilisca Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 16, p. 166, 1864.

=*Crotalus basilicus basiliscus* (Cope)

HOLOTYPE: 53586, skin, near Colima, Colima, Mexico, J. Xantus.

Caudisona enyo Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 13, p. 293, 1861.

=*Crotalus enyo* (Cope)

Cotypes (2): 5291 (2), Cape San Lucas, Baja California, Mexico, J. Xantus, May–June 1859.

Caudisona pyrrha Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 308, 1867.

=*Crotalus mitchellii pyrrhus* (Cope)

Holotype: 6606, Cañon Prieto, Fort Whipple (Yavapai County), Arizona, E. Coues, 1870.

Causus nasalis Stejneger

Proc. U.S. Nat. Mus., vol. 16, p. 735, 1894.

=*Causus resimus* (Peters)

Holotype: 16055, ♂, Cunga, Angola, W. H. Brown.

Paratypes (2): 16074, Cunga, Angola, W. H. Brown, Dec. 25, 1889. 20088, Tana River, East Africa (Kenya), W. A. Chanler, November 1892. 20089 was exchanged to MCZ.

Celuta helenae Kennicott

Proc. Acad. Nat. Sci. Philadelphia, vol. 11, p. 100, 1859.

=*Carphophis amoenus helenae* (Kennicott)

Cotypes (4): 2183 (3), 131708, southern Illinois, R. W. Kennicott. One of 2183 was exchanged to MZUM.

Charina brachyops Cope

Proc. U.S. Nat. Mus., vol. 11, p. 88, pl. 36, figs. 2a–f, 1888.

=*Charina bottae bottae* Blainville

Holotype: 15524, Point Reyes, Marin County, California, C. H. Merriam and C. A. Allen.

Chilomeniscus ephippicus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 19, p. 85, 1867.

=*Chilomeniscus cinctus* Cope?

Holotype: 8897, juv., Owens Valley, California, G. H. Horn.

Chilomeniscus stramineus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 339, 1860.

=*Chilomeniscus stramineus stramineus* Cope

Cotypes (4): 4674 (2), Cape San Lucas, Baja California, Mexico, J. Xantus. 6495 (2), Cape San Lucas, Baja California, Mexico, J. Xantus, December 1859.

Chilomeniscus stramineus fasciatus Cope

Proc. U.S. Nat. Mus., vol. 14, p. 595, 1892.

=*Chilomeniscus cinctus* Cope

Cotype: 12630 (2), La Paz, Baja California, Mexico, L. Belding, February 1882.

Chilopoma rufipunctatum Cope

in Yarrow, Report upon the collections of batrachians and reptiles . . . 1871, 1872, 1873, 1874, *in* Report U.S. Geogr. and Geol. Expl. and Surv. West of One Hundr. Mer., vol. 5, p. 544, 1875.

=*Thamnophis rufipunctatus* (Cope)

HOLOTYPE: 8600 (formerly 1097), southern Arizona, H. W. Henshaw, September 1874.

Chionactis diasii Cope

in Ferrari-Perez, Proc. U.S. Nat. Mus., vol. 9, p. 188, 1886.

=*Toluca lineata varians* (Jan)

PARATYPE: 31362, Puebla, Mexico, Mexican Geographical and Exploring Commission.

Churchillia bellona Baird and Girard

in Stansbury, Report Expl. and Surv. Valley of the Great Salt Lake of Utah . . ., p. 350, 1852.

=*Pituophis catenifer sayi* (Schlegel)

HOLOTYPE: 1519, San Antonio, west of Rio Grande (given as "Presidio del Norte" in the original description), Chihuahua, Mexico, S. Churchill, 1846.

Clelia baileyi Smith

Proc. U.S. Nat. Mus., vol. 92, p. 391, 1942.

=*Oxyrhopus baileyi* (Smith)

HOLOTYPE: 111261, ♂ (stated to be a female in the original description), Potrero Viejo, Veracruz, Mexico, D. M. Forbes, Jan. 11, 1939.

Clelia clelia immaculata Smith

Proc. U.S. Nat. Mus., vol. 92, p. 394, 1942.

HOLOTYPE: 24966, Guadalajara, Jalisco, Mexico, J. J. Major. This locality was questioned by R. G. Zweifel.

Colorhogia redimita Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 81, 1862.

=*Arrhyton taeniatum* Günther

HOLOTYPE: 29769 (formerly 5747), eastern Cuba, C. Wright.

Coluber bairdi Yarrow

in Cope, U.S. Nat. Mus. Bull. 17, p. 41, 1880.

=*Elaphe obsoleta bairdi* (Yarrow)

HOLOTYPE: 10403, near Fort Davis, Jeff Davis County, Texas, W. F. von Manteufel, 1878.

Coluber constrictor paludicola Auffenberg and Babbitt

Copeia, No. 1, p. 44, 1953.

HOLOTYPE: 131900, 3 miles west of Kendall, Dade County, Florida, L. H. Babbitt, Mar. 23, 1950.

PARATYPES (5): 28912, 30941, 32091, Lemon City, Dade County, Florida, J. E. Brown. 85304, 5 miles below Paradise Key, Dade County, Florida, A. Pfleuger, March 1932. 85305, Miami, Dade County, Florida, M. K. Brady, Apr. 4, 1932.

Coluber erythrogaster Forster

in Bossu, Travels through that part of America formerly called Louisiana, vol. 1, p. 364, 1771.

=*Natrix erythrogaster* (Forster)

NEOTYPE: 126890, near Parker's Ferry, Edisto River Swamp, Charleston County, South Carolina, R. Conant, Mar. 19, 1948.

Coluber flavirufus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 319, 1867.

=*Elaphe flavirufa flavirufa* (Cope)

HOLOTYPE: 6566, Isamal, Yucatán, Mexico, A. Schott, 1865.

PARATYPE: 6626, Tabasco, Mexico, C. H. Berendt.

Coluber guttatus sellatus Cope

Proc. U.S. Nat. Mus., vol. 11, p. 387, 1889.

=*Elaphe guttata guttata* Linnaeus

COTYPES (2): 5507, Palatka, Putnam County, Florida, T. Glover. 9692, Arlington, Duval County, Florida, G. B. Goode.

Coluber (Masticophis) mentovarius centralis Roze

Herpetologica, vol. 9, p. 117, 1953.

HOLOTYPE: 115107, Maicao, Guajira, Colombia, A. Wetmore and M. A. Carriker, Jr., Apr. 16, 1941. This specimen was taken from the crop of a *Buteo albicaudatus colonus.*

Coluber mormon Baird and Girard

in Stansbury, Report Expl. and Surv. Valley of the Great Salt Lake of Utah . . ., Appendix C, p. 351, 1852.

=*Coluber constrictor mormon* Baird and Girard

HOLOTYPE: 2012, Great Salt Lake, Utah, H. Stansbury.

Coluber mutabilis Cope

Proc. Amer. Philos. Soc., vol. 22, p. 175, 1885.

=*Elaphe triaspis mutabilis* (Cope)

HOLOTYPE: 6745, Vera Paz, Guatemala, H. Hague.

PARATYPES (5): 9777, plateau of Costa Rica, J. C. Zeledon. 24729–30, 61066, Vera Paz, Guatemala, H. Hague. 30114, Guechecova, central part of Isthmus of Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Coluber obsoletus lemniscatus Cope

Proc. U.S. Nat. Mus., vol. 11, p. 386, 1889.

=*Elaphe obsoleta obsoleta* (Say)

COTYPES (2): 4710, skin, Whitfield County, Georgia. 8798, Augusta, Richmond County, Georgia, W. Phillips.

Coluber rhinomegas Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 255, 1860. (Substitute name for *Scotophis calligaster* (not of Harlan), Kennicott, Proc. Acad. Nat. Sci. Philadelphia, vol. 11, p. 99, 1859.)

=*Elaphe guttata emoryi* (Baird and Girard)

HOLOTYPE: 2259, Hyatt (Anderson County), Kansas, S. Arny.

Coluber rosaceus Cope

Proc. U.S. Nat. Mus., vol. 11, p. 388, pl. 36, figs. 3a–f, 1889.

=*Elaphe guttata rosacea* (Cope)

HOLOTYPE: 14418, Key West, Monroe County, Florida, H. Hemphill, June 20, 1885.

Coluber triaspis Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18, p. 128, 1866.

=*Elaphe triaspis triaspis* (Cope)

HOLOTYPE: 24903, Belize, British Honduras, D. B. Parsons.

Coniophanes bipunctatus biseriatus Smith

Proc. Biol. Soc. Washington, vol. 53, p. 59, 1940.

HOLOTYPE: 108595, San Juanito, Palenque, Chiapas, Mexico, H. M. Smith, July 21, 1939.

PARATYPES (4): 109716–9, embryos, San Juanito, Palenque, Chiapas, Mexico, H. M. Smith, July–August 1939.

Coniophanes piceivittis Cope

Proc. Amer. Philos. Soc., vol. 11, p. 149, 1869.

=*Coniophanes piceivittis piceivittis* Cope

COTYPES (2): 30264–5, Chihuitán, Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Coniophanes proterops Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 249, 1860.

=*Coniophanes fissidens proterops* Cope

COTYPE: 5285, Jalapa, Veracruz, Mexico, R. M. de Oca. One cotype was exchanged to ANSP.

Conophis concolor Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18, p. 318, 1866.

=*Conophis lineatus concolor* Cope

COTYPES (2): 12368 (2), Yucatán, Mexico, A. Schott.

Conophis lineatus similis Smith

Journ. Washington Acad. Sci., vol. 31, p. 123, 1941. (Not of Bocourt, 1886.)

=*Conophis lineatus dunni* Smith

HOLOTYPE: 79963, ♀, Managua, Nicaragua, H. C. Kellers.

PARATYPES (3): 25237, Nicaragua, E. Flint. 37758, Esparta, Costa Rica, A. Alfaro, January 1906. 79964, Managua, Nicaragua, H. C. Kellers.

Conophis pulcher Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 20 (1868), p. 308, 1869.

=*Conophis pulcher pulcher* Cope

COTYPES (3): 6751 (2), 6803, Petén, Vera Paz, Guatemala, H. Hague.

Conophis pulcher plagosus Smith

Journ. Washington Acad. Sci., vol. 31, p. 121, 1941.

=*Conophis pulcher similis* Bocourt

HOLOTYPE: 109707, ♀, Tonalá, Chiapas, Mexico, H. M. Smith, Jan. 26–30, 1940.

Conophis sumichrastii Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 137, 1876.

=*Conophis vittatus vittatus* Peters

COTYPES (2): 29123, Guadalajara?, Jalisco, Mexico, J. J. Major. 30258, western Tehuntepec, Oaxaca, Mexico (restricted to Guadalajara), F. Sumichrast. 29123 is the lectotype.

Conophis sumichrastii viduus Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 137, 1876.

=*Conophis vittatus vittatus* Peters

HOLOTYPE: 30259, Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Conopsis biserialis Taylor and Smith

Univ. Kansas Sci. Bull., vol. 28, p. 33, figs. 2–3, 11, pl. 31, fig. 1, pl. 37, fig. 9, 1942.

PARATYPE: 137220, Kilometer 61 near Cuernavaca, Morelos, Mexico, E. H. Taylor and H. M. Smith, July 11, 1936.

Constrictor constrictor sigma Smith

Proc. U.S. Nat. Mus., vol. 93, p. 411, 1943.

HOLOTYPE: 46484, skin, María Madre Island, Tres Marías Islands, Nayarit, Mexico, E. W. Nelson and E. A. Goldman, May 12, 1897.

PARATYPE: 24672, María Madre Island, Tres Marías Islands, Nayarit, Mexico, E. W. Nelson, May 12, 1897.

Contia calligaster Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 146, pl. 28, fig. 12, 1876.

=*Rhadinaea calligaster* (Cope)

COTYPES (2): 30607, 30679, Pico Blanco, Costa Rica, W. M. Gabb.

Contia isozona Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 304, 1867.

=*Sonora semiannulata isozona* (Cope)

HOLOTYPE: 11417, Fort Whipple (Yavapai County), Arizona, E. Coues, 1865.

Contia mitis Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 110, 1853.

=*Contia tenuis* (Baird and Girard)

HOLOTYPE: 2034, San Jose, Santa Clara County, California, J. L. LeConte.

PARATYPE: 8075, Oregon, A. J. Skilton. 7289 from California, collected by the U.S. Exploring Expedition in 1841, the type of *Calamaria tenuis* Baird and Girard, is a probable paratype.

Contia pachyura Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 175, 1876.

=*Rhadinaea pachyura pachyura* (Cope)

HOLOTYPE: 30618, Sipurio, Costa Rica, W. M. Cabb.

Coryphodon pantherinus Duméril and Bibron

Erpétologie générale ou histoire naturelle complète des reptiles, vol. 7, p. 181, 1854.

=*Dryadophis bifossatus bifossatus* (Raddi)

COTYPE: 391, Brazil, received from JPP.

Crotalophorus edwardsii Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 15, 1853.

=*Sistrurus catenatus edwardsii* (Baird and Girard)

COTYPES (2): 506, Sonora, Mexico, J. D. Graham. 509, Tamaulipas, Mexico, L. A. Edwards.

Crotalus adamanteus ruber Cope

Proc. U.S. Nat. Mus., vol. 14, p. 690, 1892.

=*Crotalus ruber ruber* Cope

HOLOTYPE: 9209, locality not given (restricted to the vicinity of San Diego, San Diego County, California).

Crotalus atrox Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 5, 1853.

HOLOTYPE: 7761, Indianola (Calhoun County), Texas, J. D. Graham.

PARATYPES (2): 255, skin, 7760, same data.

Crotalus atrox elegans Schmidt

Bull. Amer. Mus. Nat. Hist., vol. 46, p. 699, 1922.

=*Crotalus ruber ruber* Cope

HOLOTYPE: 64452, ♂, Angel de la Guarda Island, Gulf of California, Baja California, Mexico, C. H. Townsend, Apr. 10, 1911.

Crotalus basiliscus oaxacus Gloyd

Chicago Acad. Sci. Nat. Hist. Misc., No. 17, p. 1, figs. 1–3, 1948.

HOLOTYPE: 46467, ♀, Cerro San Felipe, near Oaxaca, Oaxaca, Mexico, 8,500 ft., E. W. Nelson and E. A. Goldman, June 20, 1894.

PARATYPE: 46468, ♀, San Pablo Yanganiza, Oaxaca, Mexico, 4,800 ft., E. W. Nelson and E. A. Goldman, July 2, 1894.

Crotalus cerastes Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 95, 1854.

=*Crotalus cerastes cerastes* Hallowell

PROBABLE PARATYPE: 131801 (formerly 480), California, A. L. Heermann.

Crotalus cerastes cercobombus Savage and Cliff

Chicago Acad. Sci. Nat. Hist. Misc., No. 119, p. 2, 1953.

PARATYPE: 134309 (formerly UIMNH 5633), 21.6 miles south of Ajo, Pima County, Arizona, M. M. Hensley, June 26, 1949.

Crotalus confluentus abyssus Klauber

Trans. San Diego Soc. Nat. Hist., vol. 6, p. 114, pl. 11, fig. 1, 1930.

=*Crotalus viridis abyssus* Klauber

PARATYPES (2): 32725, skin, Grand Canyon, Arizona, H. S. Barber, May 10, 1904. 59747, Shinumo Creek, 3,000 ft., Grand Canyon, Arizona, E. A. Goldman, Sept. 10, 1916. These specimens were not listed by number in the original description, but Klauber considers them paratypes.

Crotalus confluentus lutosus Klauber

Trans. San Diego Soc. Nat. Hist., vol 6, p. 100, pl. 10, fig. 1, 1930.

=*Crotalus viridis lutosus* Klauber

PARATYPE: 80069, 10 miles northwest of Abraham, Millard County, Utah, 4,650 ft., C. B. Perkins, May 12, 1929.

Crotalus confluentus stephensi Klauber

Trans. San Diego Soc. Nat. Hist., vol. 6, p. 108, 1930.

=*Crotalus mitchellii stephensi* Klauber

Paratypes (13): 18661, Vegas Valley, Nevada, C. H. Merriam, May 1, 1891. 18662, Vegas Wash, Nevada, V. O. Bailey, May 2, 1891. 18663, juv., Indian Spring Valley, Nevada, C. H. Merriam, May 29, 1891. 18664, Grapevine Mountains above Salt Wells, Nevada, 3,000 ft., E. W. Nelson, June 6, 1891. 18665, Slate Range near summit of pass between Panamint Valley and Borax Flats, California, 3,100 ft., F. Stephens, Apr. 21, 1891. 18667, Johnson Canyon, Panamint Mountains, California, 5,000 ft., A. K. Fisher, Mar. 30, 1891. 18668–9, Emigrant Canyon, Panamint Mountains, California, 4,600 ft., F. Stephens, Apr. 16, 1891. 18670–1, Shepherd Canyon, Argus Range, California, A. K. Fisher, Apr. 29, 27, 1891. 18672–3, Coso Valley near Maturango Spring, California, T. S. Palmer, May 11, 1891. 18674, ♀, Independence Creek, Owen's Valley, California, 6,500 ft., F. Stephens, June 20, 1891.

Crotalus durissus culminatus Klauber

Zool. Soc. San Diego Bull. 26, p. 65, 1952.

Paratype: 110610, skin, Xochicalco, Morelos, Mexico, H. M. Smith, Feb. 24, 1939.

Crotalus durissus tzabcan Klauber

Zool. Soc. San Diego Bull. 26, p. 71, 1952.

Paratypes (3): 6557 (2), Isamal, Mérida, Yucatán, Mexico, A. Schott. 46570, Chichén Itzá, Yucatán, E. W. Nelson and E. A. Goldman, February 1901.

Crotalus gloydi lautus Smith

Univ. Kansas Sci. Bull., vol. 31, p. 75, figs. 1, 5, 9, 1946.

=*Crotalus intermedius intermedius* Troschel

Holotype: 110598, 1 km. east of El Limón, Totalco, Veracruz, Mexico, D. M. Forbes, Mar. 21, 1940.

Crotalus goldmani Schmidt

Bull. Amer. Mus. Nat. Hist., vol. 46, p. 701, 1922.

=*Crotalus mitchellii pyrrhus* (Cope)

Holotype: 37573, ♂, skin, El Piñón, San Pedro Mártir Mountains, Baja California, Mexico, 5,300 ft., E. W. Nelson and E. A. Goldman, July 9, 1905.

Crotalus jimenezii Dugès

Naturaleza, Mexico, vol. 4, p. 23, pl. 1, figs. 18–20, 1877.

=*Crotalus polystictus* Cope

Cotype: 46508, juv., Guanajuato, Mexico, A. Dugès. This specimen was given to E. W. Nelson and E. A. Goldman by A. Dugès in 1896 as a "duplicate type" of *Crotalus jimenezii.*

Crotalus lecontei Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 180, 1852.

=*Crotalus viridis viridis* (Rafinesque)

Paratype: 4224, juv., San Antonio, Bexar County, Texas, S. W. Woodhouse, March 1851.

Crotalus lucifer Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 177, 1852.

=*Crotalus viridis oreganus* Holbrook

Cotypes (4): 370–1, California, U.S. Exploring Expedition, 1841. 7762 (2), skins, Oregon, U.S. Exploring Expedition, 1841.

Crotalus molossus Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 10, 1853.

=*Crotalus molossus molossus* Baird and Girard

Holotype: 485, Fort Webster, Santa Rita del Cobre (Grant County), New Mexico, J. H. Clark.

Crotalus molossus estebanensis Klauber

Trans. San Diego Soc. Nat. Hist., vol. 11, p. 104, pl. 6, fig. 2, 1949.

Paratype: 64586, San Estéban Island, Gulf of California, Sonora, Mexico, C. H. Townsend, April 14, 1911.

Crotalus ornatus Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 192, 1854.

=*Crotalus molossus molossus* Baird and Girard

Holotype: 486, skin, between El Paso and San Antonio, Pecos River, Texas, A. L. Heermann.

Crotalus ravus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 17, p. 191, 1865.

=*Sistrurus ravus* (Cope)

Cotypes (2): 25050–1, south tableland, Veracruz, Mexico, C. Sartorius.

Crotalus stejnegeri Dunn

Proc. Biol. Soc. Washington, vol. 32, p. 214, pl. 29, 1919.

Holotype: 46586. Plomosas, Sinaloa, Mexico, 2,500–3,000 ft., E. W. Nelson and E. A. Goldman, July 19, 1897.

Paratype: 46460, same data.

Crotalus tigris Kennicott

in Baird, Reptiles of the boundary, *in* Report U.S. and Mexican Bound. Surv., vol. 2, pt. 2, p. 14, pl. 4, 1859.

Holotype: 471, Sierra Verde and Pozo Verde, Arizona, A. Schott.

Paratype: 472, same data.

Crotalus triseriatus miquihuanus Gloyd

Chicago Acad. Sci. Spec. Publ. No. 4, p. 102, pl. 10, 1940.

=*Crotalus pricei miquihuanus* Gloyd

Paratype: 46402, ♂, Miquihuana, Tamaulipas, Mexico, 8,500 ft., E. W. Nelson and E. A. Goldman, June 14, 1898.

Crotalus viridis caliginis Klauber

Trans. San Diego Soc. Nat. Hist., vol. 11, p. 90, pl. 5, fig. 2, 1949.

Paratype: 8564, Los Coronados Islands, Baja California, Mexico, T. H. Streets.

Crotalus viridis nuntius Klauber

Trans. San Diego Soc. Nat. Hist., vol. 8, p. 78, pl. 8, fig. 1, map 1, 1935.

Paratypes (5): 4251, San Francisco Mountains, Coconino County, Arizona, H. B. Möllhausen. 60240, 1 mile north of Winona, Coconino County, Arizona, 6,400 ft., C. M. Hoy, Aug. 11, 1917. 60241, 12 miles from mouth of Moencopie Wash, Coconino County, Arizona, 4,500 ft., C. M. Hoy, Aug. 3, 1917. 60244, Chin Lee, Apache County, Arizona, C. M. Hoy, Aug. 25, 1917. 73759, juv., Kayenta, Navajo County, Arizona, G. G. Cantwell, June 14, 1927.

Crotalus willardi meridionalis Klauber

Trans. San Diego Soc. Nat. Hist., vol. 11, p. 131, 1949.

Paratype: 46332, Sierra Madre, Zacatecas, Mexico, E. W. Nelson and E. A. Goldman, Aug. 17, 1897.

Crotalus willardi silus Klauber

Trans. San Diego Soc. Nat. Hist., vol. 11, p. 128, 1949.

Paratypes (9): 26593, canyon, head of Río Pedras Verdes, Chihuahua, Mexico, 6900 ft., H. H. and C. S. Brimley, Aug. 31, 1898. 42496–7, headless skins, 105 km. south of Nueva Casas Grandes, District of Guerrero, Chihuahua, Mexico, E. C. Erdis. 42709, summit of Sierra Madres, Chihuahua, Mexico, 2,400 m., E. C. Erdis, June 1910. 46322–6, near Colonia Garcia, Chihuahua, Mexico, E. W. Nelson and E. A. Goldman, July 3, 1899.

Dendraspis jamesoni kaimosae Loveridge

Proc. Biol. Soc. Washington, vol. 49, p. 64, 1936.

=*Dendroaspis jamesoni kaimosae* Loveridge

Paratype: 49014, Kakamega (probably Kaimosi), Kenya, E. Heller, 1912.

Dendrophidion vinitor Smith

Proc. Biol. Soc. Washington, vol. 54, p. 74, 1941.

Holotype: 110662, ♀, Piedras Negras, Petén, Guatemala, H. M. Smith, May 21, 1939.

Paratypes (4): 7099, Tierra Caliente, Mexico, F. Sumichrast. 14215, 14220, Nicaragua, J. F. Bransford. 46589, Teapa, Tabasco, Mexico, E. W. Nelson and E. A. Goldman, Apr. 5, 1900.

Dendrophidium chloroticum Cope

Proc. Amer. Philos. Soc., vol. 23, p. 278, 1886.
=*Drymobius chloroticus* (Cope)
Holotype: 6755, Cobán, Guatemala, H. Hague.

Dendrophidium melanotropis Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 134, pl. 26, fig. 1, 1876.
=*Drymobius melanotropis* (Cope)
Holotype: 32597, Costa Rica, W. M. Gabb.

Dendrophis prasinus Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 9 (1857), p, 181, 1858.
=*Ahaetulla punctulata* (Gray)
Holotype: 5535, New Holland (Sydney, Australia), U.S. Exploring Expedition, 1839.

Diadophis amabilis Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 113, 1853.
=*Diadophis amabilis amabilis* Baird and Girard
Cotype: 2061, San Jose, Santa Clara County, California, J. L. LeConte.

Diadophis arnyi Kennicott

Proc. Acad. Nat. Sci. Philadelphia, vol. 11, p. 99, 1859.
=*Diadophis punctatus arnyi* Kennicott
Holotype: 1968, Hyatt (Anderson County), Kansas, S. Army.

Diadophis regalis Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 115, 1853.
=*Diadophis regalis regalis* Baird and Girard
Holotype: 2062, Sonora, Mexico, J. H. Clark.

Diadophis regalis arizonae Blanchard

Occ. Pap. Mus. Zool. Univ. Michigan, No. 142, p. 2, 1923.
=*Diadophis regalis regalis* Baird and Girard
Holotype: 62568, ♂, Sabino Canyon, Pima County, Arizona, G. H. Hofer, Sept. 15, 1919.

Diadophis regalis blanchardi Schmidt and Smith

Field Mus. Nat. Hist., Zool. Ser., vol. 29, p. 89, 1944.
Holotype: 103641, Basin, Brewster County, Texas, Chisos Mountains, 5,200 ft., T. F. Smith, Aug. 7, 1936.

Diadophis texensis Kennicott

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 328, 1861.

=*Diadophis punctatus stictogenys* Cope

COTYPES (3): 1897, New Orelans (Louisiana) to Galveston, Texas, E. B. Andrews. 2076, head of Trinity River, Texas, J. Pope. 2155, Monticello, Lawrence County, Mississippi, H. Teunison.

Dinodon rufozonatum walli Stejneger

U.S. Nat. Mus. Bull. 58, p. 364, figs. 307–309, 1907.

HOLOTYPE: 34007, ♂, Ishigakishima, Yaeyama Group (Ryukyu Islands), A. Owston, June 1899.

PARATYPES (2): 34006, 34008, ♂, ♀, same data.

Dipsas gemmistrata latistrata Cope

U.S. Nat. Mus. Bull 32, p. 68, 1887.

=*Imantodes latistratus* (Cope)

COTYPE: 24963, Guadalajara, Jalisco, Mexico, J. J. Major. This locality has been questioned by R. G. Zweifel.

Dipsas septentrionalis Kennicott

in Baird, Reptiles of the boundary, *in* Report U.S. and Mexican Bound. Surv., vol. 2, pt. 2, 1859.

=*Leptodeira annulata septentrionalis* (Kennicott)

COTYPES (4): 4267 (2), 4273, Matamoras, Tamaulipas, Mexico, D. N. Couch. 131739 (formerly 2288), Brownsville, Cameron County, Texas, S. Van Vliet.

Dipsas smithi Duméril and Bibron

Erpétologie générale ou histoire naturelle complète des reptiles, vol. 7, pt. 2. p. 1162, 1854.

=*Amplorhinus multimaculatus* Smith

COTYPES (2): 6217, 61227 (formerly 6216), Cape of Good Hope (South Africa), JPP.

Drepanodon attenuatus Barbour and Noble

Proc. U.S. Nat. Mus., vol. 58, p. 619, 1921.

HOLOTYPE: 60739, San Fernando, near Río Cosireni, Peru, 3,000 ft., E. Heller, August 1915. This specimen was taken from the alimentary tract of *Erythrolamprus aesculapii.*

Dromicus ignitus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 23, p. 201, 1871.

=*Rhadinaea decorata* (Günther)

COTYPES (2): 24501–2, Atlantic side, Isthmus of Darién (Panama-Colombia), T. O. Selfridge.

Dromicus leucomelas Duméril and Bibron

Erpétologie générale ou histoire naturelle complète des reptiles, vol. 7, pl. 1, p. 666, 1854.

=*Alsophis leucomelas* (Duméril and Bibron)

COTYPE: 416, Guadeloupe, West Indies, JPP.

Dromicus parvifrons rosamondae Cochran

Occ. Pap. Boston Soc. Nat. Hist., vol. 8, p. 186, 1934.

=*Leimadophis parvifrons rosamondae* (Cochran)

PARATYPES (3): 80919, Ile Vache, Haiti, C. R. Orcutt, June 5, 1929. 84292, Ile Vache, Haiti, L. H. Parish and W. M. Perrygo, 1930. 95116, Ile Vache, Haiti, *Utowana* Expedition, Apr. 12, 1934.

Dryadophis melanolomus stuarti Smith

Proc. U. S. Nat. Mus., vol. 93, p. 418, 1943.

HOLOTYPE: 110924, near Acapulco, Guerrero, Mexico, R. B. Smith, Sept. 3, 1939.

PARATYPE: 56283, Colima, Colima, Mexico, J. Hurter, July 2, 1902.

Dryadophis melanolomus tehuanae Smith

Proc. U. S. Nat. Mus., vol. 93, p. 420, 1943.

HOLOTYPE: 110917, Cerro Guengola, Oaxaca, Mexico, H. M. Smith, May 1940.

PARATYPES (13): 110909–13, 110915–6, Tres Cruces, Oaxaca, Mexico, H. M. Smith, January–March 1940. 110918–23, La Concepción, Oaxaca, Mexico, H. M. Smith, May 1940. 110914 was exchanged to MCZ in 1944.

Drymarchon corais rubidus Smith

Journ. Washington Acad. Sci., vol. 31, p. 474, 1941.

HOLOTYPE: 46430, ♀, Rosario, Sinaloa, Mexico, E. W. Nelson and E. A. Goldman, July 6, 1897.

PARATYPES (15): 24683, María Madre Island, Tres Marías Islands, Gulf of California, Nayarit, Mexico, E. W. Nelson, May 18, 1897. 30425, Tehuantepec, Oaxaca, Mexico, F. Sumichrast. 46538, Acapulco, Guerrero, Mexico, E. W. Nelson and E. A. Goldman, Jan. 18, 1895. 46588, San Sebastián, Jalisco, Mexico, 3,900 ft., E. W. Nelson and E. A. Goldman, Mar. 17, 1897. 61948–9, Colíma, Mexico, J. Xantus. 110877, San Diego, near Tehuacán, Puebla, Mexico, H. M. Smith, Aug. 27, 1939. 110878–9, Cerro Arenal, Oaxaca, Mexico, H. M. Smith, Jan. 10, 1940. 110880, Tres Cruces, Oaxaca, Mexico, H. M. Smith, Jan. 15, 1940. 110881–4, Tehuantepec, Oaxaca, Mexico, H. M. Smith, January–March 1940. 110885, Ixtepec, Oaxaca, Mexico, H. M. Smith, Jan. 22, 1940.

Drymarchon corais unicolor Smith

Journ. Washington Acad. Sci., vol. 31, p. 470, 1941.

Holotype: 110865, ♀, La Esperanza, Chiapas, Mexico, H. M. Smith, May 18, 1940.

Paratypes (6): 6757a–b, Guatemala, H. Hague. 12687, Escuintla, Guatemala, H. J. Stuart, June 1882. 30424, ♀, Tehuantepec, Oaxaca, Mexico, F. Sumichrast. 46464, Huehuetán, Chiapas, Mexico, E. W. Nelson and E. A. Goldman, Feb. 26, 1896. 79960, Managua, Nicaragua, H. C. Kellers.

Drymobius aurigulus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 13, p. 301, 1861.

=*Masticophis aurigulus* (Cope)

Holotype: 5793, Cape San Lucas, Baja California, Mexico, J. Xantus.

Drymobius margaritiferus fistulosus Smith

Proc. U.S. Nat. Mus., vol. 92, p. 383, 1942.

Holotype: 51480, ♀, Miramar, Nayarit, Mexico, J. C. Thompson, 1913.

Paratypes (7): 30484, Tehuantepec, Oaxaca, Mexico, F. Sumichrast. 31480–3, Colima, Mexico, J. Xantus. 56163, Colima, Mexico, J. Hurter, Aug. 5, 1902. 46545, Puente de Ixtla, Morelos, Mexico, E. W. Nelson and E. A. Goldman, June 6, 1903.

Dryophis brevirostris Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 555, 1861.

=*Oxybelis brevirostris* (Cope)

Holotype: 31349, Veraguas, Panama, R. W. Mitchell.

Elaphe flavirufa matudai Smith

Copeia, No. 1, p. 132, 1941.

Holotype: 110303, ♀, Salto de Agua, Mount Ovando, Chiapas, Mexico, 1,200 ft., H. M. Smith, May 19, 1940.

Elaphe flavirufa phaescens Dowling

Occ. Pap. Mus. Zool. Univ. Michigan, No. 540, p. 7, fig. 2, 1952.

=*Elaphe triaspis phaescens* Dowling

Paratype: 46578, Chichén-Itzá, Yucatán, Mexico, E. W. Nelson and E. A. Goldman, February 1901.

Elaphe perlacea Stejneger

Proc. Biol. Soc. Washington, vol. 42, p. 129, 1929.

Holotype: 76257, ♂, Yachow, Szechwan, China, D. C. Graham, June 1928.

Elaphe quadrivittata deckerti Brady

Proc. Biol. Soc. Washington, vol. 45, p. 5, 1932.

=*Elaphe obsoleta quadrivittata* Holbrook

Holotype: 84295, ♂, Lower Matecumbe Key, Dade County, Florida, R. F. Deckert, June 1931.

Elapomorphus suspectus Amaral

Journ. Washington Acad. Sci., vol. 14, p. 202, 1924.

Holotype: 48939, ♂, Pilar, near Córdoba, Argentina. C. C. Craft.

Elaps distans Kennicott

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 338, 1860.

=*Micrurus distans distans* (Kennicott)

Holotype: 1144, Batosegatchic, Chihuahua, Mexico, A. Schott.

Elaps ephippifer Cope

Proc. Amer. Philos. Soc., vol. 23, p. 281, 1886.

=*Micrurus ephippifer* (Cope)

Holotype: 30085, Pacific side, Isthmus of Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Elaps euryxanthus Kennicott

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 337, 1860.

=*Micruroides euryxanthus* (Kennicott)

Holotype: 1122, Sonora, Mexico, T. H. Webb.

Elaps melanocephalus Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 485, 1861.

=*Micrurus nigrocinctus nigrocinctus* (Girard)

Holotype: 7331, Nicaragua, C. Wright.

Elaps nigrocinctus Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 226, 1854.

=*Micrurus nigrocinctus nigrocinctus* (Girard)

Cotypes (2): 7347 (2), Taboga Island, Bay of Panama (Panama), J. M. Gilliss.

Elaps tenere Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 22, 1853.

=*Micrurus fulvius tenere* (Baird and Girard)

Cotype: 1119, Rio San Pedro of the Rio Grande, Texas, J. D. Graham.

Elaps tristis Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 23, 1853.

=*Micrurus fulvius tenere* (Baird and Girard)

Cotypes (2): 1123, Rio Grande west of San Antonio, Bexar County, Texas, S. Churchill. 1124, Kemper County, Mississippi, D. C. Lloyd.

Emydocephalus ijimae Stejneger

Journ. Sci. Coll. Imp. Univ. Tokyo, vol. 12, p. 223, 1898.

Paratype: 36517, Botel Tobago Island (Formosa), SCMT, 1888.

Epicrates crassus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 349, 1862.

=*Epicrates cenchria crassus* Cope

Holotype: 12413 (formerly 5409), Cadosa, Paraná River, Paraguay, C. Wood, La Plata Expedition.

Epicrates subflavus Stejneger

Proc. U.S. Nat. Mus., vol. 23, p. 469, 1901.

Holotype: 14507, Jamaica, ZSP, Nov. 25, 1885.

Erythrolamprus mimus micrurus Dunn and Bailey

Bull. Mus. Comp. Zool., vol. 86, p. 12, 1939.

Paratypes (2): 11136, Isthmus of Darién (Panama), R. W. Shufeldt, 1870. 72353, San Juan River, Chocó Province, Colombia, E. J. Pampana.

Eudryas amarali Stuart

Copeia, No. 1, p. 7, 1938.

=*Dryadophis amarali* (Stuart)

Holotype: 22534, ♀, Margarita Island, Venezuela, W. Robinson, July 13, 1895.

Paratype: 10137, Tobago Island, West Indies, F. A. Ober, 1878.

Eurypholis semicarinatus Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 493, 1861.

=*Liopeltis semicarinata* (Hallowell)

Cotypes (2): 7316 (2), ♂, ♀, near Napa, Loo Choo (Ryukyu Islands), C. Wright, November 1854.

Eutaenia angustirostris Kennicott

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 332, 1860.

=*Thamnophis angustirostris* (Kennicott)

Holotype: 959, Alamo de Parras, Coahuila, Mexico, D. N. Couch.

Eutaenia chrysocephala Cope

Proc. Amer. Philos. Soc., vol. 22, p. 173, 1885.

=*Thamnophis chrysocephalus* (Cope)

Holotype: 30494, Orizaba, Veracruz, Mexico, F. Sumichrast.

Eutaenia couchii Kennicott

in Baird, Report on reptiles collected on the survey, *in* Report U.S. Pacific R.R. Explor. and Surv., vol. 10, pt. 4, No. 4, p. 10, 1859.

=*Thamnophis elegans couchii* (Kennicott)

Holotype: 866, ♀, bank of Pitt River, California, (restricted to near mouth of Hat Creek), J. S. Newberry.

Eutaenia cyrtopsis Kennicott

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 333, 1860.

=*Thamnophis cyrtopsis cyrtopsis* (Kennicott)

HOLOTYPE: 8067 (formerly 930), Rinconada, Coahuila, Mexico, D. N. Couch, 1853.

PARATYPE: 8066, Durango, Mexico, probably collected by D. N. Couch.

Eutaenia cyrtopsis ocellata Cope

U.S. Nat. Mus. Bull 17, p. 22, 1880.

=*Thamnophis cyrtopsis cyrtopsis* (Kennicott)

COTYPES (2): 10528 (2), Helotes, Bexar County, Texas, G. W. Marnock.

Eutaenia elegans brunnea Cope

Proc. U.S. Nat. Mus., vol. 14, p. 654, 1892.

=*Thamnophis elegans biscutatus* (Cope)

HOLOTYPE: 10849, Camp Bidwell, Modoc County, California, H. W. Henshaw, July 1878.

PARATYPE: 10848, same data.

Eutaenia elegans lineolata Cope

Proc. U.S. Nat. Mus., vol. 14, p. 655, 1892.

=*Thamnophis elegans vagrans* (Baird and Girard)

HOLOTYPE: 8587, southern California, H. W. Henshaw, August 1875.

PARATYPES (21): 8579, Lake Tahoe, Nevada, H. W. Henshaw, September 1876. 8580 (2), southern California, H. W. Henshaw, 1875. 9565, eastern California, H. W. Henshaw. 10811, southern Oregon, H. W. Henshaw, July 1878. 10840, Fort Klamath (Klamath County), Oregon, H. W. Henshaw, August 29, 1878. 10843–44, Oregon, H. W. Henshaw, September 1878. 10845–46, Camp Warner, Oregon, H. W. Henshaw, Aug. 10, 1878. 10847, 10850, Camp Bidwell (Butte County), California, H. W. Henshaw, July 1878. 10911 (7), Fort Walla Walla (Walla Walla County), Washington, C. E. Bendire, June 1881. 11805, Baird, Shasta County, California, S. Stone. 12564, Fresno, Fresno County, California, G. Eisen.

Eutaenia flavilabris Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 306, 1867.

=*Thamnophis eques eques* (Reuss)

COTYPES (2): 24991–2, tableland or southern mountains, Mexico, C. Sartorius.

Eutaenia hammondii Kennicott

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 332, 1860.

=*Thamnophis elegans hammondii* (Kennicott)

COTYPES (3): 894, ♂, San Diego, San Diego County, California, J. F. Hammond. 5496 (2), Fort Tejon (Kern County), California, J. Xantus.

Eutaenia henshawi Yarrow

Proc. U.S. Nat. Mus., vol. 6, p. 152, 1883.

=*Thamnophis elegans vagrans* (Baird and Girard)

HOLOTYPE: 10912, Fort Walla Walla (Walla Walla County), Washington, C. E. Bendire, June 1881.

Eutaenia infernalis vidua Cope

Proc. U.S. Nat. Mus., vol. 14, p. 658, 1892.

=*Thamnophis elegans atratus* (Kennicott)

COTYPES (2): 970 (2), San Francisco, San Francisco County, California, R. D. Cutts. These specimens are also cotypes of *Eutainia atrata* Kennicott, *in* Cooper, Report upon the reptiles collected on the survey, *in* Reports U.S. Expl. and Surv. . . . Mississippi River to the Pacific Ocean . . . 1853–5, vol. 12, pt. III, No. 4, p. 296, 1860.

Eutaenia insigniarum Cope

Proc. Amer. Philos. Soc., vol. 22, p. 172, 1885.

=*Thamnophis eques eques* (Reuss)

HOLOTYPE: 32163, castle of Chapultepec, Mexico, Mexico, E. D. Cope, 1884.

PARATYPE: 32164, Chapultepec, Mexico, A. L. Herrera, 1884.

Eutaenia macrostemma Kennicott

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 331, 1860.

=*Thamnophis eques eques* (Reuss)

COTYPES (2): 7247, 131775 (formerly 7247), City of Mexico, Distrito Federal, Mexico, W. Rich.

Eutaenia megalops Kennicott

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 330, 1860.

=*Thamnophis eques megalops* (Kennicott)

COTYPE: 965, "Tucson and Santa Magdalena" (restricted to Tucson, Pima County, Arizona), A. Schott.

Eutaenia pulchrilatus Cope

Proc. Amer. Philos. Soc., vol. 22, p. 174, 1885.

=*Thamnophis eques eques* (Reuss)

HOLOTYPE: 9899, Guanajuato, Mexico, A. Dugès.

Eutaenia radix twiningi Coues and Yarrow

Bull. U.S. Geol. Survey Terr., vol. 4, p. 279, 1878.

=*Thamnophis radix haydenii* (Kennicott)

HOLOTYPE: 9537, Two Forks of Milk River (Montana), E. Coues, July 15, 1874.

PARATYPES (4): 9538, Mouse River, North Dakota, E. Coues, Aug. 20, 1873. 9539, Turtle Mountain, North Dakota, E. Coues, July 22, 1873. 9540–1, near Frenchman's River, Montana, E. Coues, July 12, 8, 1874.

Eutaenia sirtalis semifasciata Cope

Proc. U.S. Nat. Mus., vol. 14, p. 662, 1892.

=*Thamnophis sirtalis sirtalis* (Linnaeus)

Cotypes (39): 8070 (30), Des Plaines, Cook County, Illinois, R. W. Kennicott. 1051 (7), Wisconsin, A. C. Berry. 1018 (2), Northfield, Cook County, Illinois, R. W. Kennicott.

Eutaenia sirtalis tetrataenia Cope

in Yarrow, Report upon the collections of batrachians and reptiles . . . 1871, 1872, 1873, and 1874, *in* Report U.S. Geogr. and Geol. Expl. and Surv. West of the One Hundr. Mer., vol. 5, p. 546, 1875.

=*Thamnophis sirtalis tetrataenia* (Cope)

Cotypes (2): 21383–4, locality not given (restricted to San Francisco Peninsula, California). The lectotype is 21384.

Eutaenia sumichrasti Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 306, 1867.

=*Thamnophis sumichrasti sumichrasti* (Cope)

Cotypes (2): 26501–2, Orizaba, Veracruz, Mexico, F. Sumichrast.

Eutaenia vagrans plutonia Yarrow

Proc. U.S. Nat. Mus., vol. 6, p. 152, 1883.

=*Thamnophis elegans vagrans* (Baird and Girard)

Holotype: 8171, Arizona (restricted to northwestern Arizona), F. Bischoff, 1871.

Eutainia atrata Kennicott

in Cooper, Report upon the reptiles collected on the survey, *in* Reports U.S. Expl. and Surv. . . . Mississippi River to the Pacific Ocean . . . 1853–5, vol. 12, pt. III, No. 4, p. 296, 1860.

=*Thamnophis elegans atratus* (Kennicott)

Cotypes (2): 970 (2), San Francisco, San Francisco County, California, R. D. Cutts. These specimens are also cotypes of *Eutaenia infernalis vidua* Cope, Proc. U.S. Nat. Mus., vol. 14, p. 658, 1892. One cotype was exchanged to ANSP.

Eutainia elegans Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 34, 1853.

=*Thamnophis elegans elegans* (Baird and Girard)

Holotype: 882, ♂, El Dorado County, California, C. C. Boyle.

Eutainia faireyi Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 25, 1853.

=*Thamnophis sauritus proximus* (Say)

Cotype: 752, Prairie Mer Rouge, Morehouse Parish, Louisiana, J. Fairie. One cotype was exchanged to MCZ; one to TCM.

Eutainia haydenii Kennicott

in Cooper, Report upon the reptiles collected on the survey, *in* Reports U.S. Expl. and Surv. . . . Mississippi River to the Pacific Ocean . . . 1853–5, vol. 12, pt. III, No. 4, p. 298, pl. 14, 1860.

=*Thamnophis radix haydenii* (Kennicott)

Holotype: 707, Fort Pierre (Stanley County), South Dakota, J. Evans. Since the type was in poor condition, a neotype, 128137, and a paraneotype, 128138, were designated, both from Whitlock Crossing, Davey County, South Dakota, collected by A. M. Jackley et al. on Oct. 6, 1947.

Eutainia leptocephala Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 29, 1853.

=*Thamnophis ordinoides* (Baird and Girard)

Cotypes (3): 961a–c, Puget Sound (Washington), U.S. Exploring Expedition, 1841.

Eutainia marciana Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 36, 1853.

=*Thamnophis marcianus* (Baird and Girard)

Holotype: 844, Indian Territory between Camp 5 and Red River (Tillman County near Hollister, Oklahoma, fide H. A. Dundee), R. B. Marcy, May 20, 1852.

Probable paratype: 1417, Indianola (Calhoun County), Texas, J. D. Graham.

Eutainia phenax Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 20, p. 134, 1868.

=*Thamnophis phenax phenax* (Cope)

Cotypes (2): 30498–9, Córdoba, Veracruz, Mexico, F. Sumichrast.

Eutainia pickeringi Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 27, 1853.

=*Thamnophis sirtalis pickeringi* (Baird and Girard)

Holotype: 936a, Puget Sound (Washington), U.S. Exploring Expedition, 1841.

Paratype: 936b, same data.

Eutainia radix Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 34, 1853.

=*Thamnophis radix radix* (Baird and Girard)

Holotype: 719, "Racine, Wisconsin" (restricted to vicinity of Chicago, Cook County, Illinois), P. R. Hoy.

Eutainia rutilorus Cope

Proc. Amer. Philos. Soc., vol. 22, p. 388, 1885.

=*Thamnophis sauritus chalceus* (Cope)

Holotype: 13906, Cozumel Island, Yucatán, Mexico, U.S. Fish Commission *Albatross,* Jan. 23–29, 1885.

Eutainia sirtalis obscura Cope

in Yarrow, Report upon the collections of batrachians and reptiles . . . 1871, 1872, 1873, and 1874, *in* Report U.S. Geogr. and Geol. Expl. and Surv. West of the One Hundr. Mer., vol. 5, p. 546, 1875.

=*Thamnophis sirtalis sirtalis* (Linnaeus)

Cotypes (5): 974 (5), Westport, Essex County, New York, S. F. Baird.

Eutainia sirtalis trilineata Cope

Proc. U.S. Nat. Mus., vol. 14, p. 665, 1892.

=*Thamnophis sirtalis trilineata* (Cope)

Cotypes (6): 5275, Port Townsend (Jefferson County), Washington, J. L. White. 5493 (5), Bitter Root Valley, west of Fort Benton, Montana, J. Mullan. The lectotype is 5275.

Eutainia vagrans Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 35, 1853.

=*Thamnophis elegans vagrans* (Baird and Girard)

Cotypes (2): 907, Humboldt River, California, J. S. Bowman. 908, ♀, "California" (restricted to Utah), W. Gambel. 907 is now considered to be *Thamnophis elegans elegans* (Baird and Girard).

Ficimia publia Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18, p. 126, 1866.

=*Ficimia publia publia* Cope

Cotypes (2): 16427–8, Yucatán, Mexico, A. Schott, July 28, 1865.

Ficimia publia taylori Smith

Journ. Washington Acad. Sci., vol. 37, p. 411, 1947.

Holotype: 123491, ♂, Río Chiquito at San Lorenzo, Veracruz, Mexico, M. W. Stirling, February–April 1946.

Paratype: 123492, Río Chiquito at San Lorenzo, Veracruz, Mexico, M. W. Stirling, February–April 1946.

Geagras redimitus Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 141, 1876.

Holotype: 30115, Tehuantepec, west side, Oaxaca, Mexico, F. Sumichrast.

Geophis anocularis Dunn

Proc. Biol. Soc. Washington, vol. 33, p. 127, 1920.

Holotype: 46556, ♂, Totontepec, Oaxaca, Mexico, E. W. Nelson and E. A. Goldman, July 26, 1894.

Geophis blanchardi Taylor and Smith

Univ. Kansas Sci. Bull., vol. 25 (1938), p. 245, fig. 2, 1939.

Paratype: 139732 (formerly UIMNH 27382), 2 miles southwest of Acultzingo, Veracruz, Mexico, E. H. Taylor, July 19, 1938.

Geophis cancellatus Smith

Smithsonian Misc. Coll., vol. 99, No. 19, p. 1, 1941.

Holotype: 46440, ♀, Chicharras, Chiapas, Mexico, 2,500–3,000 ft., E. W. Nelson and E. A. Goldman, February 1896.

Paratype: 46441, probably same data.

Gyalopion canum Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 243, 1860.

=*Ficimia cana* (Cope)

Holotype: 5284 (formerly 4675), Fort Buchanan, Arizona, B. J. D. Irwin.

Helicops leprieurii Duméril and Bibron

Erpétologie générale ou histoire naturelle complète des reptiles, vol 7, pt. 1, p. 750, pl. 68, 1854.

=*Helicops leopardinus* (Schlegel)

Cotype: 394, Cayenne, French Guiana, JPP.

Herpetodryas bernieri Duméril and Bibron

Erpétologie générale ou historie naturelle complète des reptiles, vol. 7, pt. 1, p. 211, pl. 66, figs. 1–4, 1854.

=*Dromicodryas bernieri* (Duméril and Bibron)

Cotype: 6221, Madagascar, JPP.

Herpetodryas chloris Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 503, 1861.

=*Eurypholis major* (Günther)

Holotype: 7335 ♂, Hongkong Island, (off the mainland of China), J. M. Brooke, May 1854.

Herpetodryas melas Cope

Proc. Amer. Philos. Soc., vol. 23, p. 278, 1886.

=*Chironius melas* (Cope)

Holotype: 14219, Nicaragua, J. F. Bransford.

Heterodon atmodes Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 57, 1853.

=*Heterodon platyrhinos* Latreille

Cotypes (4): 1158, Georgia, C. B. Adams. 1152–3, Charleston, Charleston County, South Carolina, S. B. Barker. 1199, Charleston. Charleston County, South Carolina, C. Girard.

Heterodon browni Stejneger

Proc. Biol. Soc. Washington, vol. 16, p. 123, 1903.

=*Heterodon platyrhinos* Latreille

HOLOTYPE: 32089, ♀, Lemon City, Dade County, Florida, E. J. Brown, 1903.

PARATYPES (2): 30925–6, ♂, ♂, Lemon City, Dade County, Florida, E. J. Brown, May 17, 1901.

Heterodon cognatus Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 54, 1853.

=*Heterodon nasicus nasicus* Baird and Girard

COTYPE: 1271, skin, Indianola (Calhoun County), Texas, J. D. Graham.

Heterodon dorbignyi Duméril and Bibron

Erpétologie générale ou histoire naturelle complète des reptiles, vol. 7, pt. 1, p. 772, 1854.

=*Lystrophis dorbignyi* (Duméril and Bibron)

COTYPE: 420, Brazil, JPP.

Heterodon kennerlyi Kennicott

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 336, 1860.

=*Heterodon nasicus kennerlyi* (Kennicott)

COTYPES (3): 1282 (2), "Sonora" (restricted to Lower Rio Grande, Texas, and Sonora, Mexico), D. N. Couch. 7290, Lower Rio Grande, Texas, A. Schott.

Heterodon nasicus gloydi Edgren

Chicago Acad. Sci. Nat. Hist. Misc., No. 112, p. 3, 1952.

HOLOTYPE: 5083a, ♀, Wheelock, Robertson County, Texas, F. Kellogg.

PARATYPES (2): 5083b–c, ♂, ♂, same data.

Himantodes leucomelas Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 13, p. 296, 1861.

=*Imantodes cenchoa leucomelas* Cope

COTYPES (2): 25035–6, Mirador, Veracruz, Mexico, C. Sartorius.

Himantodes tenuissimus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 317, 1867.

=*Imantodes tenuissimus* Cope

HOLOTYPE: 6563, Merida, Yucatán, Mexico, A. Schott, Jan. 7, 1866.

Hydrophis ornatus maresinensis Mittleman

Proc. Biol. Soc. Washington, vol. 60, p. 3, 1947.

HOLOTYPE: 33933, ♀, Ishigaki Shima, Ryu Kyu (Ryukyu) Archipelago, A. Owston, April–May, 1899.

PARATYPES (2); 33935–6, ♂, ♂, same data. 33934 was given to TUM in 1950.

Hydrops lubricus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 23, p. 217, 1871.
=*Coniophanes quinquevittatus* Duméril and Bibron
HOLOTYPE: 61182, Coatzacoalcos River, Veracruz, Mexico, T. H. Streets.

Hydrops trianguligaris venezuelensis Roze

Acta Biol. Venezuelica, Univ. Centr. Venezuela, vol. 2, p. 78, fig. 13c, 1957.
PARATYPE: 56235, ♂, Ciudad Bolívar, Estado Bolívar, Venezuela, J. Hurter, 1895.

Hypsiglena chlorophaea Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 247, 1860.
=*Hypsiglena torquata ochrorhyncha* (Cope)
COTYPE: 4676, Fort Buchanan, Arizona, B. J. D. Irwin.

Hypsiglena ochrorhynchus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 246, 1860.
=*Hypsiglena torquata ochrorhyncha* Cope
COTYPES (9): 5283 (4), 9216, 69538–40, 131733, Cape San Lucas, Baja California, Mexico, J. Xantus, December 1859. 9216 was "captured under the cabin's poop of a wrecked vessel," according to Xantus' field notes; the rest were "captured under dead palm leaves." One cotype from 5283 was exchanged to MCZ.

Hypsiglena o[chrorhyncha] deserticola Tanner

Great Basin Nat., vol. 5, p. 59, pl. 2, fig. 3, 1944.
=*Hypsiglena torquata deserticola* Tanner
PARATYPE: 125552 (formerly BYU 2198), 36.4 miles northwest of Chimney Rock Pass, Utah County, Utah, W. W. Tanner, Aug. 11, 1939.

Hypsiglena texana Stejneger

North Amer. Fauna, No. 7, p. 205, 1893.
=*Hypsiglena torquata texana* Stejneger
HOLOTYPE: 1782, between Laredo (Webb County) and Camargo, Texas, A. Schott.

Hypsiglena torquata baueri Zweifel

Amer. Mus. Novit., No. 1895, p. 12, fig. 1a–c, 1958.
PARATYPE: 59371, ♀, northeast side of Cedros Island, Baja California, J. C. Thompson, Oct. 8, 1916.

Ialtris parishi Cochran

Proc. Biol. Soc. Washington, vol. 45, p. 189, 1932.

HOLOTYPE: 80773, 10 miles east of Baradères, Haiti, L. H. Parish and W. M. Perrygo, Apr. 7, 1930.

Imantodes splendidus oliveri Smith

Proc. U.S. Nat. Mus., vol. 92, p. 388, 1942.

PARATYPES (12): 12089, Mexico, C. Sartorius. 12443, 30164–6, 30178–9, Tehuantepec, Oaxaca, Mexico, F. Sumichrast. 30386–8, Juchitán, Oaxaca, Mexico, F. Sumichrast. 32171, Mexico, E. D. Cope. 110528, Tonalá, Chiapas, Mexico, H. M. Smith, Jan. 26–30, 1940.

Lachesis barbouri Dunn

Proc. Biol. Soc. Washington, vol. 32, p. 213, 1919.

=*Bothrops barbouri* (Dunn)

HOLOTYPE: 46347, Omilteme, Guerrero, Mexico, 7,000 ft., E. W. Nelson and E. A. Goldman, May 20, 1903.

Lachesis insularis Amaral

Anexos Mem. Inst. Butantan, vol. 1, p. 62, pls. 3–4, 1921.

=*Bothrops insularis* (Amaral)

PARATYPES (2): 66490–1, Ilha de Queimada Grande, Saõ Paulo, Brazil, A. do Amaral.

Lachesis stenophrys Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8, p. 152, 1875.

=*Lachesis muta stenophrys* Cope

HOLOTYPE: 32479, Sipurio, Costa Rica, W. M. Gabb.

Lampropeltis amaura Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 258, 1860.

=*Lampropeltis triangulum amaura* Cope

HOLOTYPE: 5282, Mississippi? (restricted to New Orleans, Orleans Parish, Louisiana).

Lampropeltis annulata Kennicott

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 329, 1860.

=*Lampropeltis triangulum annulata* Kennicott

PARATYPES (2): 425, Mexico, JPP. 1855, Brownsville, Cameron County, Texas. The holotype, originally USNM 4293, from Matamoras, Tamaulipas, Mexico, collected by J. L. Berlandier, is now ANSP 3613.

Lampropeltis boylii conjuncta Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 13, p. 301, 1861.

=*Lampropeltis getulus conjuncta* Cope

COTYPES (4): 5288 (3), 131735, Cape San Lucas, Baja California, Mexico, J. Xantus.

Lampropeltis elapsoides virginiana Blanchard

Occ. Pap. Mus. Zool. Univ. Michigan, No. 81, p. 2, 1920.

=*Lampropeltis triangulum temporalis* (Cope)

HOLOTYPE: 21163, Raleigh, Wake County, North Carolina, H. H. and C. S. Brimley, June 16, 1893.

PARATYPES (4): 4466, ♀, Appomattox County, Virginia, C. W. Statham. 25321, ♂, Alberene, Albemarle County, Virginia, R. E. Shaw, July 1898. 26181, ♂, Cuscowilla, Mecklenburg County, Virginia, W. Townes. 56197, Raleigh, Wake County, North Carolina, J. Hurter, May 18, 1878.

Lampropeltis getulus floridanus Blanchard

Occ. Pap. Mus. Zool. Univ. Michigan, No. 70, p. 1, pl. 1, fig. 1, 1919.

=*Lampropeltis getulus floridana* Blanchard

HOLOTYPE: 22368, ♀, Orange Hammock, De Soto County, Florida, W. Palmer, March 1895.

PARATYPES (6): 5509, Charlotte Harbor, Charlotte County, Florida, E. B. Baker. 22367, Orange Hammock, De Soto County, Florida, W. Palmer. 36478–9, Florida, J. H. Egbert. 36564, skin, Lemon City, Dade County, Florida, E. J. Brown, May 10, 1904. 61276, Florida.

Lampropeltis getulus yumensis Blanchard

Occ. Pap. Mus. Zool. Univ. Michigan, No. 70, p. 6, pl. 1, fig. 2, 1919.

HOLOTYPE: 61318, ♂, 27 miles west of Indian Oasis, Pima County, Arizona, A. B. Howell, July 7, 1918.

PARATYPES (7): 4284, Fort Yuma (Imperial County), California, G. H. Thomas, 1855. 21720, ♂, San Domingo, Sonora, Mexico, E. A. Mearns, Jan. 16, 1894. 37532, Volcano Lake, Baja California, Mexico, E. W. Nelson and E. A. Goldman, Apr. 19, 1905. 37534, Yuma (Yuma County), Arizona, H. Brown, 1905. 44530, Yuma, Arizona. V. O. Bailey, Apr. 24, 1889. 51761, Ash Creek, Graham County, Arizona, E. G. Holt, June 23, 1914. 54717, Calva, Graham County, Arizona, W. P. Taylor, June 8, 1916. 15969 was exchanged to MCZ in 1928.

Lampropeltis multistriata Kennicott

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 328, 1860.

=*Lampropeltis triangulum gentilis* (Baird and Girard)

HOLOTYPE: 1842, Fort Lookout (Lyman County), South Dakota, F. V. Hayden.

Lampropeltis pyromelana woodini Tanner

Great Basin Nat., vol. 13, p. 54, 1953.

PARATYPE: 22195, Fort Huachuca (Cochise County), Arizona, A. K. Fisher, May 18, 1892.

Lampropeltis pyrrhomelaena celaenops Stejneger

Proc. U.S. Nat. Mus., vol. 25, p. 153, 1902.

=*Lampropeltis triangulum celaenops* Stejneger

Holotype: 22375, Mesilla Valley (Dona Ana County), New Mexico, H. B. Lane.

Lampropeltis ruthveni Blanchard

Occ. Pap. Mus. Zool. Univ. Michigan, No. 81, p. 8, pl. 1, fig. 2, 1920.

Holotype: 46558, Pátzcuaro, Michoacan, Mexico, E. W. Nelson. Aug. 2, 1892.

Lampropeltis triangulum nelsoni Blanchard

Occ. Pap. Mus. Zool. Univ. Michigan, No. 81, p. 6, pl. 1, fig. 1, 1920.

Holotype: 46552, Acámbaro, Guanajuato, Mexico, E. W. Nelson, October 1892.

Paratypes (9): 12680 ♂, Guanajuato, Mexico, A. Dugès, 1881. 24684, María Madre Island, Tres Marías Islands, Nayarit, Mexico, E. W. Nelson, May 16, 1897. 24967–8, Guadalajara, Jalisco, Mexico, J. J. Major. 30504–5, ♂, Mexican plateau, Mexico, F. Sumichrast. 31491, Neshpa River, Sierra Madre, Michoacan, Mexico, J. Xantus, April 1863. 31492–3, Colima, Mexico, J. Xantus, July 1863. 31494 was exchanged to MCZ in 1928. 24684 is also a paratype of *Lampropeltis triangulum schmidti* Stuart.

Lampropeltis triangulum schmidti Stuart

Occ. Pap. Mus. Zool. Univ. Michigan, No. 323, p. 2, 1935.

Paratype: 24684, María Madre Island, Tres Marías Islands, Nayarit, Mexico, E. W. Nelson, May 16, 1897. This specimen is also a paratype of *Lampropeltis triangulum nelsoni* Blanchard.

Lampropeltis zonata parvirubra Zweifel

Copeia, No. 3, p. 160, pl. 1, fig. C., 1952.

Paratypes (8): 31176–7, San Bernardino Mountains, California, C. C. Zeus. 44423, San Jacinto Mountains, California, V. O. Bailey, Aug. 12, 1907. 50677, San Bernardino County, California, 4,000 ft., E. S. Shepherd. 54987, Los Angeles County, California, E. J. Brown, 1916. 75184–5, Banning, Riverside County, California, G. Jessup and M. Morris, June 17, 1924, July 22, 1926. 84038, Tujunga Canyon, Los Angeles County, California.

Lampropeltis zonata pulchra Zweifel

Copeia, No. 3, p. 162, 1952.

Paratype: 13889, San Diego, San Diego County, California, C. R. Orcutt, June 16, 1884.

Lamprosoma annulatum Baird

Reptiles of the boundary, *in* Report U.S. and Mexican Bound. Surv., vol. 2, pt. 2, p. 22, pl. 21, fig. 1, 1859.

=*Chionactis occipitalis annulata* (Baird)

COTYPES (2) : 2105–6, Colorado Desert, California, A. Schott.

Lamprosoma episcopum Kennicott

in Baird, Reptiles of the boundary, *in* Report U.S. and Mexican Bound. Surv., vol. 2, pt. 2, p. 22, pl. 8, fig. 2, 1859.

=*Sonora episcopa episcopa* (Kennicott)

LECTOTYPE: 2042, Eagle Pass, Maverick County, Texas, A. Schott.

Leimadophis alleni Dunn

Proc. New England Zool. Club. vol. 7, p. 40, 1920.

=*Leimadophis parvifrons alleni* Dunn

PARATYPES 10170, ♀, Gonaves Island, Haiti, J. J. Brown.

Leimadophis nebulatus Barbour

Ann. Carnegie Mus., vol. 10, p. 305, pl. 28, figs. 1–2, 1916.

=*Leimadophis andreae nebulatus* Barbour

PARATYPE: 120824 (formerly MCZ 11158), Los Indios, Isle of Pines, Cuba, G. A. Link.

Leimadophis parvifrons lincolni Cochran

Proc. Biol. Soc. Washington, vol. 44, p. 91, 1931.

HOLOTYPE: 83890, Beata Island, Dominican Republic, A. Wetmore and F. C. Lincoln, May 15, 1931.

Leimadophis parvifrons niger Dunn

Proc. New England Zool. Club, vol. 7, p. 39, 1920.

PARATYPES (7) : 55026–32, Samaná Peninsula, Dominican Republic, W. L. Abbott, 1916.

Leimadophis stahli Stejneger

Report of the U.S. National Museum . . . for the year ending June 30, 1902, p. 695, fig. 161, 1904.

HOLOTYPE: 27323, ♀, Bayamón, Puerto Rico, A. Stahl, 1900.

PARATYPES (5): 7109, ♂, Puerto Rico, G. Latimer. 25529, ♂, Adjuntas, Puerto Rico, A. B. Baker, Feb. 3, 1899. 25724, ♂, El Yunque, eastern slope, Puerto Rico, U.S. Fish Commission, Feb. 19, 1899. 26883, ♀, Catalina Plantation, Puerto Rico, L. Stejneger, Mar. 2, 1900. 27768, ♀, Humacao, Puerto Rico, L. M. McCormick, 1900. 25616 was exchanged to R in 1953.

Leimadophis tortuganus Dunn

Proc. New England Zool. Club, vol. 7, p. 40, 1920.

=*Leimadophis parvifrons tortuganus* Dunn

HOLOTYPE: 59440, ♀, Tortuga Island, Haiti, W. L. Abbott, Feb. 7, 1917.

PARATYPE: 59439, ♀, Tortuga Island, Haiti, W. L. Abbott, Feb. 4, 1917.

Lepidocephalus fasciatus Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 498, 1861.

=*Dinodon semicarinatum* (Cope)

COTYPES (2): 7354 (2), Japan and Loo Choo (Ryukyu Islands), Perry Expedition.

Leptodeira annulata pulchriceps Duellman

Bull. Amer. Mus. Nat. Hist., vol. 114, Art. 1, p. 51, 1958.

PARATYPES (2): 78335–6, Pôrto Esperanza, Mato Grosso, Brazil, IB.

Leptodeira annulata taylori Smith

Proc. Biol. Soc. Washington, vol. 54, p. 115, 1941.

=*Leptodeira septentrionalis polysticta* Günther

HOLOTYPE: 30208, Orizaba, Veracruz, Mexico, F. Sumichrast.

PARATYPES (10): 7088, 30207, 30508, Orizaba, Veracruz, Mexico, F. Sumichrast. 12113 (4), Mirador, Veracruz, Mexico, C. Sartorius. 65154, hills west of Veracruz, Veracruz, Mexico, C. Sartorius. 111224, Agua del Obispo, Guerrero, Mexico, H. M. Smith, Feb. 4, 1939. 111257, Cerro Gordo, Veracruz, Mexico, H. M. Smith, Mar. 24, 1940.

Leptodeira ephippiata Smith and Tanner

Copeia, No. 3, p. 131, 1944.

=*Leptodeira splendida ephippiata* Smith and Tanner

PARATYPE: 46459, ♀, Plomosas, Sinaloa, Mexico, 2,500–3,000 ft., E. W. Nelson and E. A. Goldman, July 19, 1897.

Leptodeira yucatanensis malleisi Dunn and Stuart

Occ. Pap. Mus. Zool. Univ. Michigan, No. 313, p. 1, 1935.

PARATYPES (8): 24901, Belize, British Honduras, D. B. Parsons. 24908, Belize, British Honduras. 26354, Belize, British Honduras, W. Bennett. 56010–2, Belize, British Honduras, J. Hurter, May 21, 1914. 71367, 71369, Libertad, Petén, Guatemala, H. Malleis, Sept. 12, Oct. 8, 1923.

Leptodira mystacina Cope

Proc. Amer. Philos. Soc., vol. 11 (1869), p. 151, 1870.

=*Leptodeira mystacina* Cope

COTYPES (2): 30339–40, western region near Isthmus of Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Leptodira pacifica Cope

Proc. Acad. Nat. Sci. Philadelphia, vol 20 (1868), p. 310, 1869.
=*Leptodeira punctata* (Peters)
HOLOTYPE: 6833, Mazatlán, Sinaloa, Mexico, F. Bischoff.

Leptodira personata Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 20 (1868), p. 310, 1869.
=*Leptodeira maculata* (Hallowell)
HOLOTYPE: 6836, Mazatlán, Sinaloa, Mexico, F. Bischoff.

Leptognathus argus Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 130, pl. 27, fig. 1, pl. 28, fig. 7, 1876.
=*Dipsas argus* (Cope)
HOLOTYPE: 30656, Sipurio, Costa Rica, W. M. Gabb.

Leptognathus pictiventris Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 130, pl. 28, fig. 8, 1876.
=*Dipsas pictiventris* (Cope)
HOLOTYPE: 30657, head and tail only, eastern Costa Rica, W. M. Gabb.

Leptognathus stratissima Cope

Proc. Amer. Philos. Soc., vol. 23, p. 280, 1886.
=*Imantodes elegans* Jan
HOLOTYPE: 14121, Panama, G. W. Nelson, May 9, 1885.

Leptognathus turgida Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 20, p. 136, 1868.
=*Sibynomorphus turgidus* (Cope)
COTYPES (2): 5815 (2), northern part of the Paraguay River (boundary of Brazil and Paraguay), T. J. Page.

Leptophis aeruginosus Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 132, pl. 28, fig. 9, 1876.
HOLOTYPE: 30684, Costa Rica, W. M. Gabb. Identification of this specimen is doubtful because it is in a poor state of preservation.

Leptophis coeruleodorsus Oliver

Occ. Pap. Mus. Zool. Univ. Michigan, No. 462, p. 4, 1942.
=*Leptophis ahaetulla coeruleodorsa* Oliver
PARATYPES (9): 5587, Trinidad, West Indies, T. N. Gill. 15235, Trinidad, West Indies, H. Caracciola. 17746, Trinidad, West Indies, G. T. Wayman,

1891. 27821, Macuto, Venezuela, M. W. Lyon and W. Robinson, Aug. 8, 1900. 27831, Río Chico, Venezuela, L. Goldschmidt. 59931–3, Trinidad, West Indies, H. D. Baker. 60598, Trinidad, West Indies, Mrs. J. B. Rorer.

Leptophis copei Oliver

Occ. Pap. Mus. Zool. Univ. Michigan, No. 462, p. 7, 1942.

=*Leptophis ahaetulla copei* Oliver

HOLOTYPE: 83564, ♂, Salto da Huá, Brazil-Venezuelan Boundary, E. G. Holt, Nov. 20, 1930.

PARATYPES (2): 83570, Salto da Huá, Brazil-Venezuelan Boundary, E. G. Holt, Nov. 25, 1930. 83617, San Antonio, Upper Orinoco River, Venezuela, E. G. Holt, Mar. 8, 1931.

Leptophis majalis Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 107, 1853.

=*Opheodrys aestivus* (Linnaeus)

COTYPES (2): 1436, 1436a, Indianola (Calhoun County), Texas, J. D. Graham.

Leptophis mexicanus yucatanensis Oliver

Occ. Pap. Mus. Zool. Univ. Michigan, No. 462, p. 10, 1942.

PARATYPES (3): 24884–5, Yucatán, Mexico, A. Schott. 46567, Chichén-Itzá, Yucatán, Mexico, E. W. Nelson and E. A. Goldman, February 1901.

Leptophis nebulosus Oliver

Occ. Pap. Mus. Zool. Univ. Michigan, No. 462, p. 12, fig. 4, 1942.

PARATYPES (3): 19568, Greytown, Río San Juan, Nicaragua, C. W. Richmond, March 1892. 20270, Patuca, Honduras, H. W. Perry, July 24, 1891. 20683, Nicaragua, F. P. Davis.

Leptophis saturatus Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 133, pl. 28, fig. 10, 1876.

=*Thalerophis depressirostris* (Cope)

HOLOTYPE: 32563, Sipurio, Costa Rica, W. M. Gabb.

Leptophis taeniata Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 6. p. 181, 1852.

=*Masticophis taeniatus taeniatus* (Hallowell)

HOLOTYPE: 2110, New Mexico, west of the Rio Grande, S. W. Woodhouse.

Leptophis trifrenatus Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 503, 1861.

=*Ptyas mucosus* (Linnaeus)

HOLOTYPE: 7510, Island of Hongkong (off the mainland of China), J. M. Brooke, April 1854.

Leptotyphlops ater Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 536, fig. 4, 1940.
=*Leptotyphlops albifrons ater* Taylor
HOLOTYPE: 79957, Managua, Nicaragua, H. C. Kellers.

Leptotyphlops bakewelli Oliver

Occ. Pap. Mus. Zool. Univ. Michigan, No. 360, p. 16, fig. 1a, 1937.
=*Leptotyphlops phenops bakewelli* Oliver
PARATYPE: 46340, La Salada, Michoacán, Mexico, E. W. Nelson and E. A. Goldman, Mar. 23, 1903.

Leptotyphlops humilis cahuilae Klauber

Trans. San Diego Soc. Nat. Hist., vol. 6, p. 339, 1931.
PARATYPES (3): 15943, Fort Yuma (Imperial County, California), U.S. Fish Commission, 1889. 26289, Fort Yuma (Imperial County, California), H. Brown. 37114, Fort Mohave (Mohave County), Arizona, C. W. Adams, June 11, 1904.

Leptotyphlops humilis segregus Klauber

Trans. San Diego Soc. Nat. Hist., vol. 9, p. 67, 1939.
HOLOTYPE: 103670, Chalk Draw, Brewster County, Texas, 3,000 ft., T. F. Smith, Aug. 11, 1936.

Leptotyphlops humilis slevini Klauber

Trans. San Diego Soc. Nat. Hist., vol. 6, p. 338, 1931.
PARATYPES (4): 5292a–b, Cape San Lucas, Baja California, Mexico, J. Xantus. 12601, La Paz, Baja California, Mexico, L. Belding, February 1882. 64580, Cape San Lucas, Baja California, Mexico, C. H. Townsend, Mar. 23, 1911.

Leptotyphlops magnamaculata Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 532, fig. 1, 1940.
=*Leptotyphlops albifrons magnamaculata* Taylor
HOLOTYPE: 54760, Utila Island, Honduras, F. J. Dyer, Apr. 9, 1916. The catalog states: "Taken while crossing path in banana plantation in dry ground."

Leptotyphlops nasalis Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 535, fig. 3, 1940.
=*Leptotyphlops albifrons ater* Taylor
HOLOTYPE: 16134, Managua, Nicaragua, Government of Nicaragua.

Leptotyphlops rufidorsum Taylor

Univ. Kansas Sci. Bull., vol. 26 (1939), p. 533, fig. 2, 1940.
HOLOTYPE: 49993, Rímac Valley, Lima, Peru, 5,300 ft., C. H. Townsend, Apr. 16, 1913.

Leptotyphlops striatula Smith and Laufe

Proc. Biol. Soc. Washington, vol. 58, p. 29, figs. A–B, pl. 5, 1945.

HOLOTYPE: 98889, Yamachi, South Yungas, Bolivia, 3,000 m., M. Cárdenas, 1935.

Liasis amethistinus kinghorni Stull

Occ. Pap. Mus. Zool. Univ. Michigan, No. 267, p. 3, 1933.

PARATYPE: 11035, Australia, AM.

Lichanura orcutti Stejneger

West Amer. Sci., vol. 6, p. 83, 1889.

=*Lichanura roseofusca* (Cope)

HOLOTYPE: 15503. Colorado Desert, San Diego County, California, C. R. Orcutt, April 1889.

Lichanura roseofusca gracia Klauber

Trans. San Diego Soc. Nat. Hist., vol. 6, p. 307, pl. 21, fig. 1, 1931.

PARATYPES (5): 20643, 20953, Harquahala Mountains, Arizona, H. Brown, 1893. 29698, Phoenix (Maricopa County), Arizona, O. L. Geer, September 1901. 44317, Providence Mountains, California, F. Stephens, June 3, 1902. 60238, Harquahala Mountains, Arizona, 3,000 ft., E. A. Goldman, Oct. 14, 1917. While these specimens were not listed by number in the original description, Mr. Klauber considers them paratypes.

Lichanura simplex Stejneger

Proc. U.S. Nat. Mus., vol. 12, p. 97, fig. 2, 1890.

=*Lichanura roseofusca* Cope

HOLOTYPE: 13810, San Diego, San Diego County, California, R. Smith, Mar. 5, 1884.

Lichanura trivirgata Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 13, p. 304, 1861.

HOLOTYPE: 15502 (formerly 5023), Cape San Lucas, Baja California, Mexico, J. Xantus, September 1859.

Liodytes alleni lineapiatus Auffenberg

Herpetologica, vol. 6, p. 13, figs. 1–3, 1950.

PARATYPE: 129439, Ingraham Highway, 5 miles east of Paradise Key, Dade County, Florida, RPSP.

Lioninia vermiformis Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 484, 1861.

=*Tantilla vermiformis* (Hallowell)

COTYPES (4): 32338–41 (formerly 5792), Nicaragua, C. Wright.

Liopeltis libertatis Barbour

Proc. Biol. Soc. Washington, vol. 23, p. 169, 1910.
=*Ptyas korros korros* (Schlegel)
HOLOTYPE: 42932, Buitenzorg, Java, O. Bryant, July 4, 1909.

Liophis perfuscus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 77, 1862.
=*Leimadophis perfuscus* (Cope)
COTYPES (2): 6044 (2), Barbados, West Indies, T. N. Gill.

Liophis subfasciatus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 77, 1862.
=*Leimadophis poecilogyrus* (Wied)
HOLOTYPE: 5809, Paraguay, T. J. Page.

Lycodon osmanhilli Taylor

Univ. Kansas Sci. Bull., vol. 33, p. 562, pl. 20, 1950.
PARATYPE: 19215, Ceylon, BMNH.

Lycodon subcinctus sealei Leviton

Philippine Journ. Sci., vol. 84, p. 195, 1955.
PARATYPES (2): 51636, Batu Lepo, Sungai, Borneo, H. C. Raven, Nov. 18, 1913. 130246, Bundu Tuhan, Mount Kinabalu, Borneo, D. H. Johnson, July 3, 1951.

Lycognathus lyrophanes Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 343, 1860.
=*Trimorphodon lyrophanes* (Cope)
COTYPES (2): 4680 (2), Cape San Lucas, Baja California, Mexico, J. Xantus, May 1859. One cotype was exchanged to ANSP.

Lygophis flavifrenatus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 80, 1862.
=*Aporophis flavifrenatus* (Cope)
COTYPE: 5397, Buenos Aires, Argentine, T. J. Page.

Lytorhynchus sinai Schmidt and Marx

Chicago Nat. Hist. Mus., Fieldiana: Zool., vol. 39, p. 30, fig. 4, 1956.
HOLOTYPE: 134989, ♀, Wadi Feiran, Sinai Peninsula, R. E. Kuntz.

Masticophis flagellum lineatulus Smith

Journ. Washington Acad. Sci., vol. 31, p. 394, 1941.
HOLOTYPE: 105292, ♀, 11 miles north (original description states "south") of San Buena Ventura, Chihuahua, Mexico, H. M. Smith, Oct. 22, 1938.

Paratypes (13): 1988, ♂, Alamo de Parras, Coahuila, Mexico, D. N. Couch. 1989, Cobre Mines (Grant County), New Mexico, H. B. Möllhausen. 4388, ♂. Laguna. Valencia County. New Mexico. H. B. Möllhausen. 8429, ♀, New Mexico, O. Loew, 1874. 12676, ♀, Guanajuato Mexico, A. Dugès, 1881. 14279, 14283, ♀, ♀, Chihuahua, Mexico, E. Wilkinson, Oct. 10, 1885. 22142. ♂, Las Cruces, Dona Ana County, New Mexico, T. D. A. Cockerell. 26151, Mexico, A. Dugès, 1884. 46355, ♂, Guanaceví, Durango, Mexico, E. W. Nelson and E. A. Goldman, Aug. 16, 1898. 102240, ♂, Jornada Experimental Range, Dona Ana County, New Mexico, E. T. Ares and E. L. Little, Jr., July 19, 1934. 104675–6, ♂, ♂, Río Santa María, near Progreso, Chihuahua, Mexico. H. M. Smith, Oct. 13, 1938.

Masticophis flagellum variolosus Smith

Proc. U.S. Nat. Mus., vol. 93, p. 448, 1943.

Holotype: 24681, ♂, María Madre Island, Tres Marías Islands, Nayarit, Mexico, E. W. Nelson, May 12, 1897.

Paratypes (2): 24680, 24682, ♀, ♀. María Magdalena Island, Tres Marías Islands, Nayarit, Mexico, E. W. Nelson, May 12–16, 1897.

Masticophis melanolomus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 20, p. 134, 1868.

=*Dryadophis melanolomus melanolomus* (Cope)

Holotype: 24985, Yucatán, Mexico, A. Schott.

Masticophis ornatus Baird and Girard

Serpents, pt. 1, *in* Catalogue of North American reptiles in the Museum of the Smithsonian Institution, p. 102, 1853.

=*Masticophis taeniatus ornatus* Baird and Girard

Cotype: 1971, skin, between San Antonio and El Paso, Texas (restricted to Fort Davis, Jeff Davis County). J. D. Graham. One cotype was exchanged to ANSP.

Masticophis ruthveni Ortenburger

Occ. Pap. Mus. Zool. Univ. Michigan, No. 139, p. 3, pls. 1–3, 1923.

Paratypes (2): 37546, ♂, Soto la Marina, Tamaulipas, Mexico, E. W. Nelson and E. A. Goldman, Mar. 2, 1902. 64681, Tamaulipas, Mexico, 50 miles south of Brownsville, Texas, F. M. Woodruff.

Masticophis schotti Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 160, 1853.

=*Masticophis taeniatus schotti* Baird and Girard

Holotype: 1972, Eagle Pass, Maverick County, Texas, A. Schott.

Masticophis taeniatus australis Smith

Journ. Washington Acad. Sci., vol. 31, p. 390, 1941.

Holotype: 10240, ♀, Guanajuato, Mexico, A. Dugès, 1879.

Paratype: 111312, Tacícuaro, Michoacán, Mexico, H. M. Smith, 1939.

Megalops maculatus Hallowell
Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 488, 1861.
=*Leptodeira maculata* (Hallowell)
Holotype: 7367, Tahiti (but probably from Nicaragua), C. B. Adams.

Mesopeltis longifrenis Stejneger
Proc. U.S. Nat. Mus., vol. 36, p. 457, 1909.
=*Sibynomorphus longifrenis* (Stejneger)
Holotype: 38750, Bocas del Toro, Panama, F. E. Read.

Mesopeltis sanniolus Cope
Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 318, 1867.
=*Dipsas sanniolus* (Cope)
Holotype: 6564, Yucatán, Mexico, A. Schott.
Probable paratype: 24888, same data.

Micrurus affinis mayensis Schmidt
Field Mus. Nat. Hist., Zool. Ser., vol. 20, p. 37, 1933.
Paratype: 46562, Chichén-Itzá, Yucatán, Mexico, E. W. Nelson and E. A. Goldman, February 1901.

Micrurus affinis stantoni Schmidt
Field Mus. Nat. Hist., Zool. Ser., vol. 20, p. 36, 1933.
Paratypes (3) : 16398, Mexico, MNHP. 56611, Belize, British Honduras, J. Hurter, May 20, 1914. 71784, Petén, Guatemala, H. Malleis.

Micrurus clarki Schmidt
Field Mus. Nat. Hist., Zool. Ser., vol. 20, p. 211, 1936.
Paratype: 14062, Costa Rica, J. C. Zeledon, Oct. 4, 1884.

Micrurus diastema proximans Smith and Chrapliwy
Herpetologica, vol. 13, p. 270, 1957.
Paratype: 67374, Magdalena, Jalisco, Mexico, C. C. Elliott.

Micrurus latifasciatus Schmidt
Field Mus. Nat. Hist., Zool. Ser., vol. 20, p. 35, 1933.
=*Micrurus fulvius* (Linnaeus)
Paratype: 20637, Guatemala, W. C. Shannon and C. A. Hedekin.

Micrurus nigrocinctus alleni Schmidt
Field Mus. Nat. Hist., Zool. Ser., vol. 20, p. 209, 1936.
Paratypes (2) : 15306, Cape Gracias, Nicaragua, C. Carlos. 20688, Nicaragua, F. P. Davis.

Micrurus nigrocinctus mosquitensis Schmidt
Field Mus. Nat. Hist., Zool. Ser., vol. 20, p. 33, 1933.
Paratypes (7) : 9785, Costa Rica, J. C. Zeledon, 1878. 19553, Greytown, Nicaragua, C. W. Richmond, Feb. 6, 1892. 30624–5, 30627–8, Costa Rica,

W. M. Gabb. 37345, Topaz Mine, 90 miles northwest of Bluefields, Nicaragua, W. F. Thornton.

Micrurus nigrocinctus ovandoensis Schmidt and Smith

Field Mus. Nat. Hist., Zool. Ser., vol. 29, p. 26, 1943.

HOLOTYPE: 111331, ♂, Salto de Agua, Mount Ovando, 1,200 ft., Chiapas, Mexico, H. M. Smith, May 19, 1940.

PARATYPE: 111332, La Esperanza, Chiapas, Mexico, 400 ft., H. M. Smith, May 25, 1940.

Micrurus olssoni Schmidt and Schmidt

Field Mus. Nat. Hist., Zool. Ser., vol. 12, p. 130, pl. 11, 1925.

PARATYPE: 38558, Peru, R. E. Coker.

Natrix compressicauda bivittata Cope

Proc. U.S. Nat. Mus., vol. 11, p. 392, pl. 56, figs. 4a–d, 1889.

=*Natrix sipedon compressicauda* (Kennicott)

COTYPES (2): 13659, 13692, Georgiana, Brevard County, Florida, W. Wittfield, 1883.

Natrix cyclopion floridana Goff

Occ. Pap. Mus. Zool. Univ. Michigan, No. 327, p. 1, 1936.

PARATYPES (6): 72590, Gainesville, Alachua County, Florida, O. C. Van Hyning, 1927. 83440, 84272, Miami, Dade County, Florida, M. K. Brady, 1930. 85268, Miami, Dade County, Florida, R. F. Deckert, Jan. 17, 1932. 85269, Paradise Key, Dade County, Florida, M. K. Brady, Jan. 27, 1932. 120836, Sebastian, Indian River County, Florida, G. Nelson, April 1935.

Natrix erythrogaster flavigaster Conant

Copeia, No. 1, p. 2, pl. 1, figs. 3a–c, 1949.

PARATYPE: 125718, Westwego, Jefferson Parish, Louisiana, E. B. Chamberlain, Oct. 24, 1943.

Natrix erythrogaster neglecta Conant

Copeia, No. 1, p. 5, pl. 1, figs. 1a–c, 1949.

PARATYPES (3): 30851–3, Olivet, Eaton County, Michigan, H. L. Clark, June 1902.

Natrix fasciata pictiventris Cope

Amer. Nat., vol. 29, p. 677, 1895.

=*Natrix sipedon pictiventris* Cope

COTYPES (11): 5473 (2), Palatka, Putnam County, Florida, T. Glover. 10449 (2), 11444, Gainesville, Alachua County, Florida, J. Bell. 10739, Clearwater, Pinellas County, Florida, S. T. Walker, July 14, 1879. 13641, 13698 (given erroneously as 13664 and 13693 in original description), Georgiana, Brevard County, Florida, W. Wittfield. 13779, Punta Rassa (Lee County), Florida, C. W. Ward, Dec. 8, 1883. 19798, western Florida, J. A. Henshall, 1889. 19999, Lake Eustis (Lake County), Florida, T. Holm, Mar. 11, 1893.

Natrix fasciata pleuralis Cope

Report of the U.S. National Museum . . . for the year ending June 30, 1898, p. 973, 1900.

=*Natrix sipedon pleuralis* Cope

HOLOTYPE: 1080, Summerville, Dorchester County, South Carolina, C. Girard.

PARATYPE: 8786, Augusta, Richmond County, Georgia, W. Phillips.

Natrix harteri Trapido

Amer. Midl. Nat., vol. 25, p. 673, 1941.

HOLOTYPE: 110927, ♂, along Brazos River, north of Palo Pinto, Palo Pinto County, Texas, P. Harter, April 1940.

Natrix olivacea uluguruensis Loveridge

Bull. Mus. Comp. Zool., vol. 79, p. 7, 1935.

PARATYPES (2): 120838–9 (formerly MCZ 23096–7), Nyange, Uluguru Mountains, Tanganyika, A. Loveridge, October 1926.

Natrix rhombifera blanchardi Clay

Ann. Carnegie Mus., vol. 27, p. 252, pl. 25, figs. 1–2, 1938.

PARATYPE: 46533, Tlacotalpan, Veracruz, Mexico, E. W. Nelson and E. A. Goldman, May 18, 1894. This specimen is also a paratype of *Natrix rhombifera werleri* Conant, Chicago Acad. Sci. Nat. Hist. Misc., No. 126, p. 4, 1953.

Natrix rhombifera werleri Conant

Chicago Acad. Sci. Nat. Hist. Misc., No. 126, p. 4, 1953.

=*Natrix rhombifera blanchardi* Clay

PARATYPES (2): 46533, Tlacotalpan, Veracruz, Mexico, E. W. Nelson and E. A. Goldman, May 18, 1894. 110511, Emiliano Zapata, Tabasco, Mexico, H. M. Smith, Aug. 9, 1939. 46533 is also a paratype of *Natrix rhombifera blanchardi* Clay, Ann. Carnegie Mus., vol. 27, p. 252, pl. 25, figs. 1–2, 1938.

Natrix rigida deltae Huheey

Copeia, No. 4, p. 305, fig. 1b, 1959.

PARATYPE: 71180, Morgan City, Saint Mary Parish, Louisiana, A. and R. D. Svihla, June 1925.

Natrix valida isabelleae Conant

Chicago Acad. Sci. Nat. Hist. Misc., No. 126, p. 7, 1953.

PARATYPE: 31384, Colima, Mexico, J. Xantus.

Nerodia agassizii Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 41, 1853.

=*Natrix sipedon sipedon* Linnaeus

HOLOTYPE: 1350, Lake Huron (Michigan), L. Agassiz.

Nerodia compressicauda Kennicott

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 335, 1860.

=*Natrix sipedon compressicauda* (Kennicott)

HOLOTYPE: 1348, south of Tampa Bay, Florida, D. Welsh.

Nerodia couchii Kennicott

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 335, 1860.

=*Natrix erythrogaster transversa* (Hallowell)

COTYPES (2): 1314, Santa Catarina, Nuevo León, Mexico, D. N. Couch. 1319, skin, San Diego, Nuevo León, Mexico, D. N. Couch.

Nerodia holbrookii Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 43, 1853.

=*Natrix rhombifera rhombifera* (Hallowell)

COTYPE: 1117, Prairie Mer Rouge, Morehouse Parish, Louisiana, J. Fairie. One cotype was exchanged to ANSP.

Nerodia woodhousii Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 42, 1853.

=*Natrix erythrogaster transversa* (Hallowell)

COTYPES (6): 1308, Indianola (Calhoun County), Texas, J. D. Graham. 1327–8 (4), New Braunfels (Comal County), Texas, F. Lindheimer. 131742 (formerly 1321), Indianola to San Antonio (restricted to Indianola, Calhoun County), Texas, J. D. Graham.

Ninia diademata Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 49, 1853.

=*Ninia diademata diademata* Baird and Girard

HOLOTYPE: 12122, Orizaba, Veracruz, Mexico, F. Sumichrast.

Ninia diademata nietoi Burger and Werler

Univ. Kansas Sci. Bull., vol. 36, p. 657, fig. 1, 1954.

PARATYPES (2): 35858, Finca Acleta, Alta Verapaz, Gautemala, W. R. Maxon and R. Hay, January 1905. 109807, Piedras Negras, Petén, Guatemala, H. M. Smith, June 20, 1939.

Ninia sebae immaculata Schmidt and Rand

Chicago Nat. Hist. Mus., Fieldiana: Zool., vol. 39, p. 81, 1957.

PARATYPES (15): 15207–8, Nicaragua, L. F. H. Birt. 15627–9, 15639, San Juan del Norte, Nicaragua, J. F. Le Baron. 19564, 19571, Greytown, Nicaragua, C. W. Richmond, Feb. 6, 9, 1892. 19890, Escondido River, 50 miles from Bluefields, Nicaragua, C. W. Richmond, Oct. 18, 1892. 25244, Nicaragua. E. Flint. 25319, Greytown, Nicaragua, E. P. Alexander, July 1898. 79971–2, Managua, Nicaragua, H. C. Kellers. 118041–2, San Carlos, Nicaragua, L. Marden, 1943.

Ninia sebae tessellatus Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 145, 1876.

=*Ninia tessellata* Cope

Cotypes (2): 32568–9, Costa Rica (Sipurio), W. M. Gabb.

Nothopsis rugosus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 23, p. 201, 1871.

Holotype: 12427, Isthmus of Darién (Panama-Colombia), T. O. Selfridge.

O[gmius] acutus Cope

in Ferrari-Perez, Proc. U.S. Nat. Mus., vol. 9, p. 189, 1886.

=*Toluca lineata acuta* (Cope)

Holotype: 30552, Tuchitán on the Pacific side of the Isthmus of Tehuantepec (but probably from Puebla), Mexico, F. Sumichrast.

Oligodon annamensis Leviton

Journ. Washington Acad. Sci., vol. 43, p. 422, fig. 1, 1953.

Holotype: 90408, ♀, Station Agricole, Blao, Haut Donai, Annam (Vietnam), E. Poilane, Mar. 11, 1933.

Oligodon sub-griseum Duméril and Bibron

Erpétologie générale ou histoire naturelle complète des reptiles, vol. 7, pt. 1, p. 59, 1854.

=*Oligodon subgriseum* Duméril and Bibron

Cotype: 6200, Pondicherry, India, L. T. Leschenault.

Opheodrys vernalis blanchardi Grobman

Misc. Publ. Mus. Zool. Univ. Michigan, No. 50, p. 11, 1941.

Paratypes (6): 1476, ♀, road to Bridger's Pass (Carlson County), Wyoming, W. S. Wood, 8425, ♀, Abiquiu (Rio Arriba County), New Mexico, O. Loew, August 1874. 9095, ♂, Merino Valley, New Mexico, W. L. Carpenter, July 1875. 22377, ♀, Mesilla Valley, New Mexico, H. B. Lane. 25438, ♀, Ruidoso at Forks (Lincoln County), New Mexico, C. M. Barber, Aug. 18, 1898. 40199, ♀, Vallecito (La Plata County), Colorado, M. Cary, June 6, 1907.

Opheomorphus doliatus caesius Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 348, 1862.

=*Liophis poecilogyrus* (Wied)

Holotype: 5393, Santa Fe, Paraguay, T. J. Page.

Ophibolus boylii Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 82, 1853.

=*Lampropeltis getulus californiae* (Blainville)

HOLOTYPE: 1698, El Dorado County, California, C. C. Boyle.

Ophibolus clericus Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 88, 1853.

=*Lampropeltis triangulum triangulum* (Lacépède)

COTYPE: 2380, Clarke County, Virginia, C. B. R. Kennerly.

Ophibolus doliatus collaris Cope

Proc. U.S. Nat. Mus., vol. 11, p. 383, 1889.

=*Lampropeltis triangulum triangulum* (Lacépède)

COTYPES (5): 2192, Roanoke County, Virginia, C. Shoemaker. 2433, Elmira, Stark County, Illinois, E. R. Boardman. 5449, Washington, D.C. 7849 (2) (formerly 2344), St. Louis, St. Louis County, Missouri, G. Engelmann. 7849 is listed under *Lampropeltis triangulum syspila* (Cope) by Blanchard, U.S. Nat. Mus. Bull. 114, p. 186, 1921.

Ophibolus doliatus parallelus Cope

Proc. U.S. Nat. Mus., vol. 11, p. 385, 1889.

=*Lampropeltis triangulum amaura* (Cope)

HOLOTYPE: 10544, Gainesville, Alachua County, Florida, J. Bell, March 1881.

Ophibolus doliatus syspilus Cope

Proc. U.S. Nat. Mus., vol. 11, p. 381, 1889.

=*Lampropeltis triangulum syspila* (Cope)

HOLOTYPE: 13380, Richland County, Illinois, R. Ridgway, 1883.

PARATYPES (10): 303, ♂, Independence, Jackson County, Missouri, J. G. Cooper, June 6, 1857. 1846 (2), Fort Towson, Choctaw County, Oklahoma, L. A. Edwards. 2296, Prairie Mer Rouge, Morehouse Parish, Louisiana, J. Fairie. 4291, Republican River, 95 miles west of Riley (in Clay County), Kansas, J. F. Hammond. 5188, Grand Coteau, Saint Landry Parish, Louisiana, J. W. Wallace. 12925, 13008, 13045, New Orleans, Orleans Parish, Louisiana, R. W. Shufeldt, 1883. 13361, ♂, Wheatland, Knox County, Indiana, R. Ridgway, 1883. 2296 is also a paratype of *Ophibolus gentilis* Baird and Girard.

Ophibolus evansii Kennicott

Proc. Acad. Nat. Sci. Philadelphia, vol. 11, p. 99, 1859.

=*Lampropeltis calligaster calligaster* Kennicott

COTYPES (4): 1593 (3), southern Illinois, R. Kennicott, 1855. 1702, Canadian River, Indian Territory (Oklahoma), H. B. Möllhausen. One cotype from 1593 was exchanged to TCM.

Ophibolus gentilis Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 90, 1853.

=*Lampropeltis triangulum gentilis* (Baird and Girard)

Cotypes (3): 1853, north fork of Red River near Sweetwater Creek, Wheeler County, Texas, R. B. Marcy, June 14, 1852. 2296, Prairie Mer Rouge, Morehouse Parish, Louisiana, J. Fairie. 131737 (formerly 1852), Red River, Oklahoma, G. B. McClellan. 2296 is also a paratype of *Ophibolus doliatus syspilus* Cope.

Ophibolus getulus eiseni Yarrow

Proc. U.S. Nat. Mus., vol. 5, p. 439, 1882.

=*Lampropeltis getulus californiae* (Blainville)

Holotype: 11788, Fresno, Fresno County, California, G. Eisen, 1879.

Paratypes (10): 11744, 11787 (8), 55100, same data.

Ophibolus getulus multicinctus Yarrow

Proc. U.S. Nat. Mus., vol. 5, p. 440, 1882.

=*Lampropeltis zonata multicincta* (Yarrow)

Holotype: 11753, Fresno, Fresno County, California, G. Eisen.

Ophibolus getulus niger Yarrow

Proc. U.S. Nat. Mus., vol. 5, p. 438, 1882.

=*Lampropeltis getulus niger* (Yarrow)

Cotypes (2): 12149 (2), Wheatland, Knox County, Indiana, R. Ridgway, 1881.

Ophibolus pyromelanus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 305, 1867.

=*Lampropeltis pyromelana pyromelana* (Cope)

Cotype: 7845, Fort Whipple (Yavapai County), Arizona, E. Palmer.

Ophibolus splendidus Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 83, 1853.

=*Lampropeltis getulus splendida* (Baird and Girard)

Holotype: 1726, skin, Sonora, Mexico, J. D. Graham.

Paratype: 4294, same data.

Opisthotropis multicincta Fan

Bull. Dept. Biol. Coll. Sci. Sun Yatsen Univ., No. 11, p. 82, figs. 5–6, 1931.

=*Opisthotropis balteata* (Cope)

Paratype: 85000, Loshiang, Kwangsi, China, SYUM through T. H. Fan.

Oreomorphus merremii semiaureus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 348, 1862.

=*Rhadinaea semiaurea* (Cope)

Holotype: 4665, Paraguay, T. J. Page.

Oxyrhopus fitzingeri frizzelli Schmidt and Walker

Field Mus. Nat. Hist., Zool. Ser., vol. 24, p. 314, 1943.

PARATYPE: 48552, ♂, Piura, Peru, C. H. Townsend, May 1, 1911.

Oxyrhopus trigeminus Duméril and Bibron

Erpétologie générale ou histoire naturelle complète des reptiles, vol. 7, pt. 2, p. 1013, 1854.

=*Clelia trigemina* (Duméril and Bibron)

COTYPE: 11137 (formerly 406), Bahia, Brazil, JPP.

Oxyrrhopus doliatus semicinctus Cope

U.S. Nat Mus. Bull. 32, p. 76, 1887.

=*Pseudoboa petola* (Linnaeus)

HOLOTYPE: 28900, Sipurio, Costa Rica, W. M. Gabb.

Pelophilus madagascariensis Duméril and Bibron

Erpétologie générale ou histoire naturelle complète des reptiles, vol. 6, p. 524, 1844.

=*Acrantophis madagascariensis madagascariensis* (Duméril and Bibron)

COTYPE: 10978, Madagascar, JPP.

Philodryas latirostris Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, pp. 73, 348, 1862.

=*Chlorosoma olfersii* (Lichtenstein)

COTYPE: 5811, Paraguay, T. J. Page.

Philothamnus irregularis battersbyi Loveridge

Bull. Mus. Comp. Zool., vol. 106, p. 190, 1951.

PARATYPES (31): 40766–7, 40953–5, 40984–5, 40988, 41512–3, 41978, Nairobi, Kenya, E. A. Mearns, Nov. 10–Dec. 4, 1909. 40956–8, 42048, 42063–4, 42256, Kenya, Smithsonian African Expedition. 40999 Juja Farm, Kenya, 5,000 ft., J. A. Loring, May 13, 1909. 41135, Fort Hall, Kenya, E. A. Mearns, Oct. 27, 1909. 41693, Juja Farm, Kenya, W. H. McMillan, 1908–09. 41701, southwest corner of Lake Naivasha, Kenya, J. A. Loring, July 12, 1909. 41970, Wambugu, Kenya, E. A. Mearns, July 24, 1909. 42935–6, Mount Kenya to Fort Hall, Kenya. Smithsonian African Expedition, Oct. 10, 1909. 48588, Mtoto Andei Station, Kenya, E. Heller. 49003, Kaimosi, Kenya, E. Heller, Jan. 27, 1912. 49007, 49012, 49021, Kenya, E. Heller. 120814, ♂, Amani, Usambare Mountains, Tanganyika, 3,000 ft., A. Loveridge, November 1926. 41136 was exchanged to MCZ. 41135 was shot in a tree; its stomach contained a clawed frog, *Xenopus laevis*?, now USNM 63066.

Phimothyra hexalepis Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 304, 1867.

=*Salvadora hexalepis hexalepis* (Cope)

Holotype: 7894, Fort Whipple (Yavapai County), Arizona, E. Palmer. The stomach contained a *Cnemidophorus sexlineatus.*

Phrynonax lyoni Stejneger

Proc. U.S. Nat. Mus., vol. 24, p. 185, 1901.

=*Pseustes poecilonotus polylepis* (Peters)

Holotype: 27826, Macuto, Venezuela, M. W. Lyon and W. Robinson, Aug. 4, 1900.

Phyllorhynchus browni Stejneger

Proc. U.S. Nat. Mus., vol. 13, p. 152, 3 figs., 1890.

=*Phyllorhynchus browni browni* Stejneger

Holotype: 15719, Tucson (Pima County), Arizona, H. Brown.

Phyllorhynchus decurtatus perkinsi Klauber

Zool. Soc. San Diego Bull. 12, p. 11, fig. 2, 1935.

Paratypes (2): 94953 (formerly SDSNH 20875), 7 miles east of The Narrows, San Diego County, California, L. M. Klauber, July 23, 1933. 94954 (formerly SDSNH 22295), Dry Lake, San Diego County, California, L. M. Klauber, May 5, 1934.

Phyllosira flavescens Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 14, p. 349, 1862.

=*Chironius fuscus* (Linnaeus)

Holotype: 5813, Paraguay, T. J. Page.

Pituophis annectens Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 72, 1853.

=*Pituophis catenifer annectens* Baird and Girard

Cotypes (3): 1839 (3, of which 2 are heads), San Diego County, California, J. L. LeConte.

Pituophis catenifer bimaris Klauber

Trans. San Diego Soc. Nat. Hist., vol. 11, p. 7, 1946.

Paratypes (2): 15157, Ballenas Bay, Baja California, Mexico U.S. Fish Commission *Albatross,* May 3, 1888. 37536, El Alamo, Baja California, Mexico, E. W. Nelson and E. A. Goldman, June 11, 1905. 37537, from Margarita Island, Baja California, Mexico, E. W. Nelson and E. A. Goldman, Dec. 3, 1905, is a probable paratype.

Pituophis catenifer deserticola Stejneger

North Amer. Fauna, No. 7, p. 206, 1893.

Lectotype: 18070, Beaverdam Mountains, Utah, C. H. Merriam, May 1, 1891.

Paratypes (5): 18065, Jackass Spring, Panamint Mountains, Inyo County, California, May 7, 1891. 18066, Surprise Canon, Panamint Mountains, Inyo County, California, A. K. Fisher, Apr. 23, 1891. 18067, Shepherd Canon, Argus Range, Inyo County, California, A. K. Fisher, Apr. 26, 1891. 18068, Howes Meadows, 10 miles south of Owens Lake, Inyo County, California, 3,750 ft., F. Stephens, May 12, 1891. 18069, Lone Pine, Inyo County, California, A. K. Fisher, June 4, 1891.

Pituophis catenifer fuliginatus Klauber

Trans. San Diego Soc. Nat. Hist., vol. 11, p. 14, 1946.

PARATYPES (2): 8565, San Martín Island, west coast of Baja California, Mexico, T. H. Streets. 24395, San Martín Island, Baja California, Mexico, A. W. Anthony, Mar. 12, 1897.

Pituophis catenifer insulanus Klauber

Trans. San Diego Soc. Nat. Hist., vol. 11, p. 11, pl. 1, fig. 1, 1946.

PARATYPES (2): 14088, Cedros Island, west coast of Baja California, Mexico, C. H. Townsend, Apr. 4, 1885. 54764, Cedros Island, Baja California, Mexico, P. Wegeforth, July 1916.

Pituophis lödingi Blanchard

Michigan Acad. Sci. Pap., vol. 4 (1924), p. 532, 1925.

=*Pituophis melanoleucus lödingi* Blanchard

PARATYPE: 62340, 14 miles southwest of Mobile, Mobile County, Alabama, H. P. Löding, June 1919.

Pituophis mcclellani Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 68, 1853.

=*Pituophis melanoleucus sayi* (Schlegel)

HOLOTYPE: 1540, Red River, Deaf Smith County, Texas, R. B. Marcy and G. B. McClellan, Jan. 28, 1852.

PARATYPE: 1541, same data.

Pituophis melanoleucus ruthveni Stull

Occ. Pap. Mus. Zool. Univ. Michigan, No. 205, p. 1, 1929.

HOLOTYPE: 76278, ♂, Longleaf, Rapides Parish, Louisiana, W. D. Harris, Mar. 24, 1927.

Pituophis mexicanus Duméril and Bibron

Erpétologie générale ou histoire naturelle complète des reptiles, vol. 7, pt. 1, p. 236, pl. 62, 1854.

=*Pituophis melanoleucus sayi* (Schlegel)

COTYPE: 1415, Mexico, JPP.

Pituophis wilkesii Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 71, 1953.

=*Pituophis melanoleucus catenifer* (Blainville)

COTYPE: 5471, Puget Sound (Washington), U.S. Exploring Expedition, 1841.

Pityophis haematois Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 342, 1860.

=*Pituophis melanoleucus vertebralis* (Blainville)

Cotypes (2): 4682 (2), Cape San Lucas, Baja California, Mexico, J. Xantus.

Pliocercus bicolor Smith

Proc. Biol. Soc. Washington, vol. 54, p. 123, 1941.

Holotype: 25203, ♀, Tuxpan, Veracruz, Mexico, G. C. Lincecum.

Pliocercus dimidiatus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 17, p. 190, 1865.

Holotype: 6363, Arriba, Costa Rica, C. N. Riotte.

Pliocercus elapoides laticollaris Smith

Proc. Biol. Soc. Washington, vol. 54, p. 122, 1941.

Holotype: 110767, ♀, Tenosique, Tabasco, Mexico, H. M. Smith, June 30, 1939.

Pseudoboa robinsoni Stejneger

Proc. U.S. Nat. Mus., vol. 24, p. 190, figs. 25–27, 1901.

=*Pseudoboa neuwiedii* (Duméril and Bibron)

Holotype: 22532, La Guaira, Venezuela, W. Robinson, June 21, 1895.

Python curtus brongersmai Stull

Occ. Pap. Boston Soc. Nat. Hist., vol. 8, p. 297, 1938.

Paratype: 53427, Kuala Lumpor, Malaya, T. C. Pasqual.

Rabdosoma crassicaudatum Duméril and Bibron

Erpétologie générale, ou histoire naturelle complète des reptiles, vol. 7, pt. 1, p. 103, 1854.

=*Atractus crassicaudatus* (Duméril and Bibron)

Cotype: 11138 (formerly 387), New Granada (Panama-Colombia), JPP.

Regina clarkii Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 48, 1853.

=*Natrix sipedon clarkii* (Baird and Girard)

Holotype: 2264, Indianola (Calhoun County), Texas, J. D. Graham.

Paratypes (3): 1392 (2), 44171, skins, same data.

Regina grahamii Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 47, 1853.

=*Natrix grahamii* (Baird and Girard)

Holotype: 1376, Rio Salado, 4 miles from San Antonio, Bexar County, Texas, J. D. Graham.

Regina kirtlandii Kennicott

Proc. Acad. Nat. Sci. Philadelphia, vol. 8, p. 95, 1856.

=*Natrix kirtlandii* (Kennicott)

COTYPES (3): 1514, 115115–6, West Northfield, Cook County, Illinois, R. W. Kennicott. One of 1514 was exchanged to MZUM. Conant, in 1943, considered the origin of 115116 to be doubtful.

Regina valida Kennicott

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 334, 1860.

=*Natrix valida valida* (Kennicott)

HOLOTYPE: 1309, Durango, Mexico, D. N. Couch.

Rena dulcis Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 142, 1853.

=*Leptotyphlops dulcis dulcis* (Baird and Girard)

HOLOTYPE: 7296, between San Pedro and Comanche Springs, Texas, J. D. Graham.

Rena humilis Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 143, 1853.

=*Leptotyphlops humilis humilis* (Baird and Girard)

HOLOTYPE: 2101, Vallicita, Calaveras County, California, J. L. LeConte.

Rhabdosoma guttulatum Cope

Proc. Amer. Philos. Soc., vol. 22, p. 385, 1885.

=*Geophis chalybeus* (Wagler)

COTYPES (3): 25024–5, Mirador, Veracruz, Mexico, C. Sartorius. 30399. Veracruz, Mexico, C. Sartorius.

Rhadinaea albiceps Amaral

Journ. Washington Acad. Sci., vol. 14, p. 200, 1924.

=*Liophis albiceps* (Amaral)

HOLOTYPE: 22446, ♂, Ecuador?, M. B. Kerr, May 1895.

Rhadinaea crassa Smith

Proc. Biol. Soc. Washington, vol. 55, p. 190, pl. 3, figs. 4–5, 1942.

PARATYPE: 110366, Barranca de los Horcones, 10 km. south of Durango, Hidalgo, Mexico, H. M. Smith, Aug. 21, 1940.

Rhadinaea forbesi Smith

Proc. Biol. Soc. Washington, vol. 55, p. 188, fig. 3, 1942.

HOLOTYPE: 110365, ♂, Tequeyutepec, Veracruz, Mexico, H. M. Smith, Mar. 23, 1940.

PARATYPES (2): 29124, Guadalajara?, Mexico (probably near Orizaba, Veracruz), J. J. Major?. 110364, Tequeyutepec, Veracruz, Mexico, H. M. Smith, Mar. 23, 1940.

Rhadinaea fulviceps Cope

Proc. Amer. Philos. Soc., vol. 23, p. 279, 1886.

=*Rhadinaea pachyura fulviceps* Cope

HOLOTYPE: 61187 (formerly probably 14118), Panama, G. W. Nelson.

Rhadinaea fulvivittis Cope

Journ. Acad. Nat. Sci. Philadelphia (2), vol. 8 (1875), p. 139, 1876.

=*Rhadinaea vittata* (Jan)

HOLOTYPE: 7075, Orizaba (alpine section), Veracruz, Mexico, F. Sumichrast.

Rhadinaea hesperia Bailey

Occ. Pap. Mus. Zool. Univ. Michigan, No. 412, p. 8, pl. 2, fig. 3, 1940.

=*Rhadinaea hesperia hesperia* Bailey (in part)

PARATYPES (4): 15429–30, Guanajuato, Mexico, A. Dugès. 20166, Barranca, near Cuernavaca, Morelos, Mexico, P. L. Jouy, Aug. 1, 1892. 46456, Plomosas, Sinaloa, Mexico, E. W. Nelson and E. A. Goldman, July 19, 1897. 15430 and 46456 are also paratypes of *Rhadinaea hesperia hesperioides* Smith, 1942.

Rhadinaea hesperia hesperioides Smith

Proc. Biol. Soc. Washington, vol. 55, p. 186, fig. 1, 1942.

HOLOTYPE: 67373, ♂, Magdalena, Jalisco, Mexico, C. C. Elliott, June 23, 1924.

PARATYPES (2): 15430, Guanajuato (probably from the vicinity of Guadalajara), Mexico, A. Dugès. 46456, Plomosas, Sinaloa, Mexico, E. W. Nelson and E. A. Goldman, July 19, 1897. 15430 and 46456 are also paratypes of *Rhadinaea hesperia* Bailey.

Rhadinaea poecilopogon Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 15, p. 100, 1863.

=*Liophis poecilopogon* (Cope)

HOLOTYPE: 31278, Paysandú, Uruguay, H. W. Kennedy.

Rhadinaea quinquelineata Cope

Proc. Amer. Philos. Soc., vol. 23, p. 277, 1886.

LECTOTYPE: 31350, Teziutlán, Puebla, Mexico, S. Bernad.

Rhadinella schistosa Smith

Copeia, No. 1, p. 7, 1941.

PARATYPE: 109914, Cuautlapan, Veracruz, Mexico, H. M. Smith, Aug. 7–14, 1940.

Rhamnophis aethiopissa elgonensis Loveridge

U.S. Nat. Mus. Bull. 151, p. 24, 1929.

PARATYPE: 49005, Kaimosi, Kenya, E. Heller, Jan. 27, 1912.

Rhegnops visoninus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18, p. 128, 1866.

=*Adelphicos quadrivirgatus visoninus* (Cope)

HOLOTYPE: 24899, British Honduras (probably Belize), D. B. Parsons.

Salvadora bogerti Smith

Smithsonian Misc. Coll., vol. 99, No. 20, p. 2, figs. 1–2, 1941.

HOLOTYPE: 30296, ♀, Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Salvadora grahamiae Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 104, 1853.

HOLOTYPE: 2081, ♂, Sonora, Mexico, J. D. Graham.

Salvadora hexalepis celeris Smith

Smithsonian Misc. Coll., vol. 99. No. 20, p. 9, 1941.

HOLOTYPE: 40043, ♀, San Blas, Sinaloa, Mexico, J. N. Rose, Mar. 28, 1910.

Salvadora hexalepis klauberi Bogert

Amer. Mus. Novit., No. 1285, p. 2, figs. 1–4, 1945.

PARATYPES (8): 5347, Cape San Lucas, Baja California, Mexico, J. Xantus. 12637, 12637a–b, 12638, La Paz, Baja California, Mexico, L. Belding, 1882. 37517, 20 miles west of Santa Rosalía, Baja California, Mexico, E. W. Nelson and E. A. Goldman, Oct. 19, 1905. 37518, Todos Santos, Baja California, Mexico, E. W. Nelson and E. A. Goldman, Dec. 26, 1906. 64581, Miraflores, Baja California, Mexico, C. H. Townsend, May 9, 1911.

Salvadora hexalepis mojavensis Bogert

Amer. Mus. Novit., No. 1285, p. 6, figs. 5–9, 1945.

PARATYPES (6): 4470, Mojave Valley, California, H. B. Möllhausen. 9101, Cottonwood Canyon (Duchesne County), Utah, J. Kohlen, 1871. 18059, Shepherd Canyon, Argus Range, California, A. K. Fisher, Apr. 26, 1891. 18060, Maturango Spring, Argus Range (Inyo County), California, A. K. Fisher, May 2, 1891. 18061, Amargosa, California, T. S. Palmer, Mar. 16, 1891. 18062, Virgin River, Nevada, C. H. Merriam, May 8, 1891.

Salvadora intermedia Hartweg

Copeia, No. 4, p. 256, 1940.

=*Salvadora intermedia intermedia* Hartweg

PARATYPE: 109228, Chilpancingo, Guerrero, Mexico, H. M. Smith, 1939.

Salvadora lineata Schmidt

Field Mus. Nat. Hist., Zool. Ser., vol. 24, p. 148, fig. 15, 1940.

PARATYPES (3): 26441, Kinney County, Texas, E. A. Mearns. 55798, Waco, McLennan County, Texas, J. Hurter. 67363, San Antonio, Bexar County, Texas, C. S. East, 1924.

Scaphiodontophis albonuchalis Taylor and Smith

Univ. Kansas Sci. Bull., vol. 29, p. 323, fig. 9, pl. 23, fig. 1, pl. 24, pl. 25, figs. 1–2, 1943.

Holotype: 110413, ♀, La Esperanza, Chiapas, Mexico, H. M. Smith, Apr. 23, 1940.

Paratypes (3): 6580, San Juan Bautista, Tabasco, Mexico, C. H. Berendt. 12087, Mexico, C. Sartorius. 12693, Escuintla, Guatemala, H. J. Stuart, June 1882.

Scaphiodontophis carpicinctus Taylor and Smith

Univ. Kansas Sci. Bull., vol. 29, p. 315, pl. 22, fig. 1, text-fig. 6, 1943.

Holotype: 110411, ♂, Piedras Negras, Petén, Guatemala, H. H. Smith, June 3, 1939.

Scaphiodontophis nothus Taylor and Smith

Univ. Kansas Sci. Bull., vol. 29, p. 320, pl. 23, fig. 2, text-fig. 8, 1943.

Holotype: 110412, ♂, Potrero Viejo, Veracruz, Mexico, D. M. Forbes, Mar. 5, 1939.

Scolecophis fumiceps Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 371, 1860.

=*Tantilla nigriceps fumiceps* (Cope)

Holotype: 12135, "probably Cuba" (restricted to San Antonio, Bexar County, Texas). This specimen was returned to MCZ in 1942.

Scolecophis scytalinus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 320, 1867.

=*Clelia clelia clelia* (Daudin)

Holotype: 6581, San Juan Bautista, Tabasco, Mexico, C. H. Berendt.

Scoliophis atlanticus Davis, Bigelow, and Gray

Report of a committee of the Linnaean society of New England relative to a large marine animal, supposed to be a serpent seen near Cape Ann, Massachusetts, in August 1817, p. 41, pl. 1, 1817.

=*Coluber constrictor constrictor* Linnaeus

Holotype: 115617, Loblolly Cove, Cape Ann (Essex County), Massachusetts, 1817?. This specimen was reported to be the "progeny" of the Great Sea Serpent seen off the coast of Massachusetts in 1817.

Scotophis confinis Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 76, 1853.

=*Elaphe obsoleta obsoleta* (Say)

Holotype: 1563, Anderson, Anderson County, South Carolina, C. Paine.

Scotophis lindheimeri Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 74, 1853.

=*Elaphe obsoleta lindheimeri* (Baird and Girard)

HOLOTYPE: 1733, New Braunfels (Comal County), Texas, F. Lindheimer.
PARATYPE: 1734, skin, Indianola (Calhoun County), Texas, J. D. Graham.

Scotophis vulpinus Baird and Girard
Smithsonian Misc. Coll., vol. 2, art. 5, p. 75, 1853.
=*Elaphe vulpina vulpina* (Baird and Girard)
NEOTYPE: 9969, Racine, Racine County, Wisconsin, P. R. Hoy. A paratype, 1570, from Grosse Ile, Wayne County, Michigan, collected by C. Fox, is now identified as *Elaphe vulpina gloydi* Conant.

Sibon annulatum yucatanensis Cope
U.S. Nat. Mus. Bull. 32, p. 67, 1887.
=*Leptodeira yucatanensis yucatanensis* (Cope)
COTYPE: 24887 (formerly 6553), Yucatán, Mexico, A. Schott.

Sibynomorphus macrostomus Amaral
Journ. Washington Acad. Sci., vol. 14, p. 200, 1924.
=*Dipsas macrostomus* (Amaral)
HOLOTYPE: 14047, ♀, Ecuador, W. H. Jones, Dec. 18, 1884.

Simocephalus chanleri Stejneger
Proc. U.S. Nat. Mus., vol. 16, p. 726, 1894.
=*Mehelya chanleri chanleri* (Stejneger)
HOLOTYPE: 20126, Wange, Island of Manda, north of Lamu, East Africa (Kenya), C. Denhardt.

Sonora semiannulata Baird and Girard
Smithsonian Misc. Coll., vol. 2, art. 5, p. 117, 1853.
=*Sonora semiannulata semiannulata* Baird and Girard
HOLOTYPE: 2109, "Sonora, Mexico" (restricted to Santa Rita Mountains, Arizona), J. D. Graham.

Spilotes chrysobronchus Cope
Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 136, pl. 28, fig. 11, 1876.
=*Pseustes poecilonotus chrysobronchus* (Cope)
HOLOTYPE: 30623, coast region of Costa Rica, W. M. Gabb.

Spilotes erebennus Cope
Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 342, 1861.
=*Drymarchon corais erebennus* (Cope)
COTYPE: 1862, skin, Eagle Pass, Maverick County, Texas, A. Schott.

Spilotes melanurus Duméril and Bibron
Erpétologie générale, ou histoire naturelle complète des reptiles, vol. 7, pt. 1, p. 224, 1854.
=*Drymarchon corais melanurus* (Duméril and Bibron)
COTYPE: 1416, Mexico, JPP.

Spilotes pullatus auribundus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 13, p. 300, 1861.

=*Spilotes pullatus mexicanus* (Laurenti)

COTYPE (3): 25004–6, Mirador, Veracruz, Mexico, C. Sartorius.

Stenorhina degenhardtii apiata Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 142, 1876.

HOLOTYPE: 70405, Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

PARATYPE: 30090, Guichicovi, Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Stenorhina lactea Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 13, p. 303, 1861.

=*Stenorhina freminvillii lactea* Cope

HOLOTYPE: 4944, La Unión, Guatemala (but probably from La Unión, El Salvador), J. M. Dow.

Stenostoma phenops Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 128, 1876.

=*Leptotyphlops phenops phenops* (Cope)

COTYPES (9): 6760, Cobán, Guatemala, H. Hague. 12444, 30289–95, Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Stilosoma extenuatum arenicola Highton

Bull. Florida State Mus., vol. 1, p. 86, 1956.

PARATYPE: 23333, Tarpon Springs, Pinellas County, Florida, C. S. and H. H. Brimley, January 1897.

Storeria dekayi temporalineata Trapido

Amer. Midl. Nat., vol. 31, p. 70, pl. 9, figs. 51–52, 1944.

HOLOTYPE: 32148, ♀, San Rafael, Jicaltepec, Veracruz, Mexico, about 100 ft., C. H. Townsend, July 2, 1896.

Storeria dekayi texana Trapido

Amer. Midl. Nat., vol. 31, p. 63, figs. 45–50, 1944.

PARATYPES (28): 2095, Brazos River, Texas, B. F. Shumard. 7279 (2), Matamoras, Tamaulipas, Mexico, D. N. Couch. 11820, 11823, Old Fort Cobb, Caddo County, Oklahoma, E. Palmer. 13090, New Orleans, Orleans Parish, Louisiana, R. W. Shufeldt, 1883. 14646, Waco, McLennan County, Texas, given by a Waco Indian chief, Nov. 10, 1886. 17699, New Braunfels, Comal County, Texas, B. W. Evermann, Dec. 3, 1891. 32802, Barnard Creek, west of Columbia (probably Columbus, Colorado County), Texas, W. Lloyd, Mar. 4, 1892. 42286, Victoria County, Texas, J. D. Mitchell, Sept. 24, 1904. 42290, Victoria, Victoria County, Texas, J. D. Mitchell, 1905–1916. 52281, 52284, ♀, Brownsville, Cameron County, Texas, R. D.

Camp, Mar. 31, 1915. 55912, Falls County, Texas, J. Hurter, June 12, 1906. 55914, Waco, McLennan County, Texas, J. Hurter, May 24, 1908. 65894, Winsted, McLeod County, Minnesota, H. F. Nachtrieb, May 1923. 71754, Putnam, Callahan County, Texas, A. J. Kirn, Apr. 30, 1926. 78611–8, Victoria, Victoria County, Texas, J. D. Mitchell, 1906–1910. 94153–4, 4 miles north of Lake City, Barber County, Kansas, C. E. Burt, Mar. 31, 1934. 103741, juv., Harlingen, Cameron County, Texas, N. O. Barry, Nov. 1, 1937.

Storeria dekayi wrightorum Trapido

Amer. Midl. Nat., vol. 31, p. 57, figs. 38–44, 1944.

Paratypes (74): 1945 (2), Pittsburgh, Allegheny County, Pennsylvania. 1958–59 (3), Racine, Racine County, Wisconsin. 2137, Lebanon, Boone County, Indiana, S. B. Davis. 2215, Port Huron, St. Clair County, Michigan, S. F. Baird. 2222, Pensacola, Escambia County, Florida, W. A. Hammond. 2226 (2), Monticello, Lawrence County, Mississippi, H. Teunison. 4798b, New Orleans, Orleans Parish, Louisiana, NOAS. 4814, southern Illinois, R. Kennicott. 6388, Chicago, Cook County, Illinois, R. Kennicott. 8770 (7), Belleville, St. Clair County, Illinois, A. Reuss. 8983 (3), Kinston, Lenoir County, North Carolina, J. W. Milner. 10211 (2), St. James Parish, Louisiana, O. de la Peichardiére, May 1879. 10653–5, 13358–9, Wheatland, Knox County, Indiana, R. Ridgway, 1881–1883. 10665–6, Monroe, Butler County, Ohio, R. T. Shepherd, Mar. 12, 1880. 10711, Nashville, Berrien County, Georgia, W. J. Taylor, Aug. 21, 1880. 12028 (18), Mount Carmel, Wabash County, Illinois, L. M. Turner. 12904, 12922, New Orleans, Orleans Parish, Louisiana, R. W. Shufeldt, 1883. 15577, Cherokee, Swain County, North Carolina, J. Mooney. 17967, ♀, Irvington, Marion County, Indiana, O. P. Hay. 26077, Wilmington, New Hanover County, North Carolina, W. P. Seal, May 9, 1899. 29606, Huguenot, Elbert County, Georgia, J. H. DuBose. 31666, Lobdell, West Baton Rouge Parish, Louisiana, A. Allison, June 1903. 33529, Lake Maxinkuckee, Jasper-Pulaski Counties, Indiana, B. W. Evermann, Oct. 8, 1900. 42542, Mobile County, Alabama, J. Hurter, May 26, 1910. 42589, Lake Maxinkuckee, Jasper-Pulaski Counties, Indiana, Gruff and Gard, Oct. 17, 1906. 44294, Marble Cave, Stone County, Missouri, C. H. Merriam, May 22, 1892. 55922, 55924, ♂, Little Rock, Carroll County, Arkansas, J. Hurter, May 7, 1913 (for 55922), Apr. 9, 1906 (55924). 55925, Mobile County, Alabama, J. Hurter, June 11, 1910. 55926–7, Mobile, Mobile County, Alabama, J. Hurter, 1907 (for 55926), Mar. 26, 1908 (for 55927). 55928, St. Louis County, Missouri, J. Hurter, Mar. 20, 1898. 55932, Stoddart County, Missouri, J. Hurter, Oct. 26, 1899. 55935, St. Francois County, Missouri, J. Hurter, 1894. 92062, island above Price Island, in Savannah River, Lincoln County, Georgia, C. E. Burt, July 19, 1933. 102589–90, Auburn, Lee County, Alabama, G. C. Moore.

Storeria tropica Cope

Proc. Amer. Philos. Soc., vol. 22, p. 175, 1885.

=*Storeria dekayi tropica* Cope

HOLOTYPE: 6759, Petén, Guatemala, H. Hague.

Symphimus leucostomus Cope

Proc. Amer. Philos. Soc., vol. 11, p. 150, 1869.

COTYPES (2): 30310, Chihuitán, Tehuantepec, Oaxaca, Mexico, F. Sumichrast. 30311, head and tail only, Oaxaca, Mexico, F. Sumichrast.

Sympholis lippiens Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 13 (1861), p. 524, 1862.

COTYPES (2): 31345–6, Guadalajara, Jalisco, Mexico, J. J. Major.

Tachymenis canilatus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 20, p. 104, 1868.

=*Chlorosoma elegans* (Tschudi)

HOLOTYPE: 12351, Guayaquil, Ecuador, Destruger and Reeve.

Taeniophis imperialis Kennicott

in Baird, Reptiles of the boundary, *in* Report U.S. and Mexican Bound. Surv., vol. 2, p. 23, pl. 19, fig. 1, 1859.

=*Coniophanes imperialis imperialis* (Kennicott)

HOLOTYPE: 2060, Brownsville (Cameron County), Texas (Matamoras, Tamaulipas, Mexico according to the catalog), S. Van Vliet.

Taeniophis tantillus Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 7, p. 227, 1854.

=*Leimadophis chamissonis* (Wiegmann)

COTYPE: 5515, near Santiago, Chile, J. M. Gilliss. One cotype was exchanged to ANSP.

Tantilla bimaculata Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 143, 1876.

=*Tantilla calamarina* Cope

HOLOTYPE: 6834, Mazatlán, Sinaloa, Mexico, F. Bischoff.

Tantilla calamarina Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 320, 1867.

HOLOTYPE: 6600, Guadalajara, Jalisco, Mexico, J. J. Major. This locality was questioned by R. G. Zweifel.

Tantilla canula Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 144, 1876.

COTYPES (2): 24881–2, Yucatán, Mexico, A. Schott.

Tantilla coronata Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 131, 1853.

=*Tantilla coronata coronata* Baird and Girard

HOLOTYPE: 1875, Kemper County, Mississippi, D. C. Lloyd.

Tantilla eiseni Stejneger

Proc. U.S. Nat. Mus., vol. 18, p. 117, 1896.

=*Tantilla eiseni eiseni* Stejneger

HOLOTYPE: 11766a, Fresno, Fresno County, California, G. Eisen, 1879.

PARATYPES (5): 55387–91 (formerly 11766c–g), same data. 11766b was exchanged to MCZ in 1917.

Tantilla flavilineata Smith and Burger

Herpetologica, vol. 6, p. 117, 1950.

PARATYPE: 129524, 8 miles southeast of Nochixtlán, Oaxaca, Mexico, W. L. and J. Burger, Aug. 23, 1949.

Tantilla kirnia Blanchard

Field Mus. Nat. Hist., Zool. Ser., vol. 20, p. 373, 1938.

=*Tantilla nigriceps fumiceps* (Cope)

PARATYPES (2): 15669, San Diego, Duval County, Texas, W. J. Taylor. 22386, San Antonio, Bexar County, Texas, C. S. and H. H. Brimley.

Tantilla lintoni Smith

Proc. Biol. Soc. Washington, vol. 53, p. 61, fig. 1, 1940.

=*Tantillita lintoni* (Smith)

HOLOTYPE: 108603, Piedras Negras, Petén, Guatemala, H. M. Smith, May 24, 1939.

Tantilla miniator Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 15, p. 100, 1863.

=*Tantilla miniata* Cope

HOLOTYPE: 25031, Mirador, Veracruz, Mexico, C. Sartorius.

PROBABLE PARATYPES (2): 25032–3, same data.

Tantilla phrenitica Smith

Zoologica, New York, vol. 27, p. 39, 1942.

HOLOTYPE: 110381, ♀, Cuautlapan, Veracruz, Mexico, H. M. Smith, Aug. 7–14, 1940.

PARATYPES (7): 20835, Totontepec, Oaxaca, Mexico, M. Trujillo, 1887. 38134, Semocock, Guatemala, G. P. Goll, Apr. 8, 1905. 110379–80, Cuautlapan, Veracruz, Mexico, H. M. Smith, January–February 1940. 110383–5, Cuautlapan, Veracruz, Mexico, H. M. Smith, Aug. 7–14, 1940. 110382 was exchanged to MCZ.

Tantilla rubra Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 144, 1876.

HOLOTYPE: 26500, Tapana, Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Tantilla wilcoxi Stejneger

Proc. U.S. Nat. Mus., vol. 25, p. 156, 1902.

=*Tantilla wilcoxi wilcoxi* Stejneger

HOLOTYPE: 19674, Fort Huachuca (Cochise County), Arizona, T. E. Wilcox, 1892.

Tantilla wilcoxi rubricata Smith

Zoologica, New York, vol. 27, p. 40, 1942.

HOLOTYPE: 110399, ♂, 15 miles west ("southeast" in error in original description) of Galeana, Nuevo León, Mexico, H. M. Smith, Oct. 13, 1939.

PARATYPE: 110398, same data.

Thamnophis cyrtopsis cyclides Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 13, p. 299, 1861.

=*Thamnophis cyrtopsis cyrtopsis* (Kennicott)

HOLOTYPE: 5023, "Cape San Lucas" (probably from Fort Buchanan, Arizona), B. J. D. Irwin.

Thamnophis elegans nigrescens Johnson

Herpetologica, vol. 3, p. 161, 1947.

PARATYPE: 124628 (CPS 3027), Clover Creek Sanitorium, Tacoma, Pierce County, Washington, J. R. Slater, July 8, 1937.

Thamnophis melanogaster canescens Smith

Zoologica, New York, vol. 27, p. 117, 1942.

PARATYPES (3): 110799, La Palma, Michoacan, Mexico, H. M. Smith, Mar. 23, 1939. 110800, Tacícuaro, Michoacán, Mexico, H. M. Smith, 1939. 134310, near Chapala, Jalisco, Mexico, H. M. Smith, July 2, 1935.

Thamnophis ordinoides errans Smith

Zoologica, New York, vol. 27, p. 112, 1942.

=*Thamnophis errans* Fitch

HOLOTYPE: 46336, ♀, Colonia Garcia, Sierra Madre Mountains at about 8,000 ft., Chihuahua, Mexico, E. W. Nelson and E. A. Goldman, July 1899.

PARATYPES (3): 46337–9, Colonia García, Chihuahua, Mexico, E. W. Nelson and E. A. Goldman, July 1899.

Thamnophis rozellae Smith

Proc. Biol. Soc. Washington, vol. 53, p. 56, 1940.

=*Thamnophis sumichrasti sumichrasti* Cope

HOLOTYPE: 108597, Palenque, Chiapas, Mexico, H. M. Smith, July 12, 1939.

PARATYPES (3): 46549, Monte Cristo, Tabasco, Mexico, E. W. Nelson and E. A. Goldman, May 25, 1900. 108598–9, Aguacate, Chiapas, Mexico, H. M. Smith, Aug. 8, 1939.

Thamnophis sumichrasti cerebrosus Smith

Zoologica, New York, vol. 27, p. 111, 1942.

HOLOTYPE: 12734, ♀, Escuintla, Guatemala, H. J. Stuart, 1882.

PARATYPE: 12735, same data.

Thamnophis vicinus Smith

Zoologica, New York, vol. 27, p. 104, 1942.

PARATYPE: 137221, Morelia, Michoacan, Mexico, H. D. Thomas, 1938.

Thrasops praestans Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 20 (1868), p. 309, 1869.

=*Leptophis ahaetulla praestans* (Cope)

COTYPES (2): 6754 (2), near Petén, Guatemala, H. Hague.

Toluca amphisticta Smith and Laufe

Herpetologica, vol. 3, p. 5, 1945.

HOLOTYPE: 120950, ♂, Xuimygopk, between Ayutla and Cacalotepec, 8,650 ft., Oaxaca, Mexico, W. S. Miller, Mar. 15, 1944. Allotype: 120951, ♀, Kachky Walsky, near Cacalotepec, Oaxaca, Mexico, W. S. Miller, Mar. 15, 1944.

Toluca conica Taylor and Smith

Univ. Kansas Sci. Bull., vol. 28, p. 340, fig. 5, pl. 34, fig. 1, 1942.

PARATYPE: 46535, Guajamaloya, Oaxaca, Mexico, E. W. Nelson and E. A. Goldman, Aug. 6, 1894. This specimen was found dead on a road that ran through an oak forest at an altitude of 9,500 ft.

Toluca frontalis Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 16, p. 167, 1864.

=*Pseudoficimia frontalis* (Cope)

COTYPES (2): 31424–5, Colima, Mexico, J. Xantus.

Toluca lineata Kennicott

in Baird, Reptiles of the boundary, *in* Report U.S. and Mexican Bound. Surv., vol. 2, pt. 2, p. 23, pl. 21, fig. 2, 1859.

=*Toluca lineata lineata* Kennicott

HOLOTYPE: 2103, Valley of Mexico (Toluca on paper label in the jar), Mexico, J. Potts.

PARATYPE: 2104, Valley of Mexico, Mexico, J. Potts.

Toluca lineata wetmorei Smith

Proc. U.S. Nat. Mus., vol. 93, p. 489, 1943.

HOLOTYPE: 110727, ♂, Pan de Olla, Veracruz, Mexico, H. M. Smith, Mar. 22, 1940.

Paratypes (19): 46405, 46442, Las Vigas, Veracruz, Mexico, E. W. Nelson, June 1893. 110726, 110728–43, Pan de Olla, Veracruz, Mexico, H. M. Smith, Mar. 22, 1940.

Tomodon nasutus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 16, p. 166, 1864.

=*Manolepis putnami* (Jan)

Holotype: 31478, Colima, Colima, Mexico, J. Xantus, July 1863.

Paratype: 31479, same data.

Toxicophis pugnax Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 20, 1853.

=*Ancistrodon piscivorus leucostoma* (Troost)

Holotype: 61063 (formerly 4262), head only, Indianola (Calhoun County), Texas, J. D. Graham.

Tretanorhinus nigroluteus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 13, p. 298, 1861.

=*Tretanorhinus nigroluteus nigroluteus* Cope

Holotype: 5568, "Greytown, Nicaragua, Dr. Caldwell" (probably Aspinwall, Panama, J. Rowell), 1857.

Tretanorhinus variabilis binghami Schwartz and Ogren

Herpetologica, vol. 12, p. 105, 1956.

Paratype: 136606, Finca Bucares, 22 km. southeast of Bueycito, Río Yao, Oriente Province, Cuba, L. H. Ogren and A. Schwartz, Dec. 26, 1954.

Trimeresurus flavoviridis tinkhami Gloyd

Bull. Chicago Acad. Sci., vol. 10, p. 123, figs. 1–3, 1955.

Holotype: 137285, ♂, north slope of mountains south of Higa, in southeastern part of Kume Shima, Okinawa Group, Riu Kiu (Ryukyu) Islands, E. R. Tinkham, August 1945.

Paratype: 137286, ♀, same data.

Trimeresurus garciai Smith

Proc. Biol. Soc. Washington, vol. 53, p. 62, 1940.

=*Bothrops melanurus* (Müller)

Paratype: 108602, Cacaloapam, Puebla, Mexico, H. M. Smith, Aug. 21, 1939.

Trimeresurus nummifer picadoi Dunn

Proc. Biol. Soc. Washington, vol. 52, p. 165, 1939.

=*Bothrops picadoi* (Dunn)

Holotype: 37753, ♀, La Palma, Costa Rica, 4,500 ft., E. Fernandez.

Trimeresurus stejnegeri Schmidt

Bull. Amer. Mus. Nat. Hist., vol. 54, p. 546, 1927.

Paratypes (2): 64022–3, Moh Kan Shan, Chekiang, China, C. H. Barlow.

Trimeresurus yucatanicus Smith

Zoologica, New York, vol. 26, p. 62, 1941.

=*Bothrops yucatanicus* (Smith)

HOLOTYPE: 46571, ♀, Chichén-Itzá, Yucatán, Mexico, E. W. Nelson and E. A. Goldman, February 1901.

Trimerorhinus tritaeniatus multisquamis Loveridge

Proc. Biol. Soc. Washington, vol. 45, p. 84, 1932.

PARATYPES (19): 40893, Juja Farm, Kenya, Smithsonian-African Expedition, 1908–1909. 40901–2, 41516–8, 41672–3, Lake Naivasha, Kenya, Smithsonian-African Expedition, July–August 1909. 40968, Nairobi, Kenya, H. Edgell, 1908–09. 40970, 40997, 41973, Guaso Nyiro, Kenya. E. Heller and J. A. Loring, June–July 1909. 41534, Athi Plains, Kenya. E. Heller, May 20, 1909. 42008, Kapiti Plains, Kenya, E. A. Mearns and E. Heller, Apr. 26, 1909. 42061, Kenya, Smithsonian-African Expedition 1909. 48584–6, Mtoto Andei Station, Uganda, E. Heller, 1911. 49080, Kaímosi, Kenya, E. Heller, Jan. 27, 1912. 40894, 40903, and 48587 were exchanged to MCZ in 1930.

Trimorphodon biscutatus quadruplex Smith

Proc. U.S. Nat. Mus., vol. 91, p. 157, 1941.

HOLOTYPE: 89476, ♀, Esteli, Nicaragua, J. H. Ivy, 1932.

Trimorphodon biscutatus semirutus Smith

Proc. U.S. Nat. Mus., vol. 93, p. 492, 1943.

HOLOTYPE: 110410, Acapulco, Guerrero, Mexico, H. M. Smith, Sept. 3, 1939.

Trimorphodon collaris Cope

Journ Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 131, 1876.

HOLOTYPE: 26499, Tuxpango, near Orizaba, Veracruz, Mexico, F. Sumichrast.

Trimorphodon fasciolata Smith

Proc. U.S. Nat. Mus., vol. 91, p. 160, 1941.

HOLOTYPE: 110400, ♂, Zaráracua Falls, Uruapán, Michoacán, Mexico, H. M. Smith, Mar. 12, 1939.

Trimorphodon forbesi Smith

Proc. U.S. Nat. Mus., vol. 91, p. 163, 1941.

HOLOTYPE: 110402, ♂, near San Diego, south of Tehuacán, Puebla, Mexico, H. M. Smith, Dec. 17, 1939.

Trimorphodon lambda Cope

Proc. Amer. Philos. Soc., vol. 23, p. 286, 1886.

HOLOTYPE: 13487, Guaymas, Sonora, Mexico, H. F. Emeric, 1883.

Trimorphodon major Cope

Proc. Amer. Philos. Soc., vol. 11, p. 153, 1869.

=*Trimorphodon biscutatus biscutatus* (Duméril and Bibron)

Cotypes (3): 30427–9, near Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Trimorphodon tau Cope

Proc. Amer. Philos. Soc., vol. 11, p. 152, 1869.

Holotype: 30338, Quiotepec, between Tehuacán and Oaxaca, State of Oaxaca, Mexico, F. Sumichrast

Trimorphodon upsilon Cope

Proc. Amer. Philos. Soc., vol. 11, p. 151, 1869.

Holotype: 31358, Guadalajara, Jalisco, Mexico, J. J. Major.

Trimorphodon vilkinsonii Cope

Proc. Amer. Philos. Soc., vol. 23, p. 285, 1886.

Holotype: 14268, Chihuahua, Mexico, E. Wilkinson.

Tropidoclonium storerioides Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 17, p. 190, 1865.

=*Storeria storerioides* (Cope)

Cotypes (4): 24987–90, Mexican plateau between the eastern range and the Valley of Mexico, Mexico, C. Sartorius.

Tropidodipsas brevifacies Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18, p. 127, 1866.

=*Dipsas brevifacies* (Cope)

Holotype: 24886, Yucatán, Mexico, A. Schott, Sept. 27, 1865.

Tropidodipsas lunulata Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 12 (1860), p. 517, 1861.

=*Pseustes poecilonotus poecilonotus* (Günther)

Holotype: 12398, Honduras, A. H. Riise?.

Tropidonotus bisectus Cope

Proc. U.S. Nat. Mus., vol. 10, p. 146, 1887.

=*Natrix erythrogaster transversa* (Hallowell)

Holotype: 14643, Fish Commission Armory Grounds, Washington, D.C., J. E. Brown, Nov. 2, 1886.

Tropidonotus celaeno Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 341, 1860.

=*Natrix valida* (Kennicott)

Cotypes (8): 5281 (7), 131748, San José River, Cape San Lucas, Baja California, Mexico, J. Xantus, May 15, 1859. 5281a is the lectotype. One cotype from 5281 was exchanged to ANSP.

Tropidonotus compressicaudus walkeri Yarrow

Proc. U.S. Nat. Mus., vol. 6, p. 154, 1883.

=*Natrix sipedon compressicauda* (Yarrow)

HOLOTYPE: 10681, Clearwater, Pinellas County, Florida, S. T. Walker, October 1879.

Tropidonotus rhombifer Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 177, 1852.

=*Natrix rhombifera rhombifera* (Hallowell)

COTYPE: 7253, Arkansas River, near north boundary of the Creek Nation, Indian Territory (near Keystone, Tulsa County, Oklahoma), S. W. Woodhouse.

Tropidonotus tephropleura Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 341, 1860.

=*Natrix valida valida* (Kennicott)

COTYPES (6): 4683 (6), Cape San Lucas, Baja California, Mexico, J. Xantus.

Tropidonotus transversus Hallowell

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 177, 1852.

=*Natrix erythrogaster transversa* (Hallowell)

COTYPE: 1316, Arkansas River at Creek Boundary, Indian Territory (near Keystone, Tulsa County, Oklahoma), S. W. Woodhouse.

Tropidonotus ustus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 12, p. 340, 1860.

=*Natrix sipedon compressicauda* (Kennicott)

HOLOTYPE: 5286, Charlotte Harbor, Charlotte County, Florida, E. M. Baker.

Tropidophis maculatus jamaicensis Stull

Occ. Pap. Mus. Zool. Univ. Michigan, No. 195, p. 12, 1928.

PARATYPES (3): 42878–80, Montego Bay, Jamaica, E. A. Andrews, July–August 1910. These specimens are also listed as paratypes of *Tropidophis pardalis stejnegeri* Grant, *in* Lynn and Grant, Bull. Inst. Jamaica, Sci. Ser., No. 1, p. 120, 1940.

Tropidophis pardalis androsi Stull

in Lynn and Grant, Bull. Inst. Jamaica, Sci. Ser., No. 1, p. 119, 1940.

Occ. Pap. Mus. Zool. Univ. Michigan, No. 195, p. 34, pl. 2, fig. 5, 1928.

HOLOTYPE: 49471, ♂, Andros Island, West Indies, P. Bartsch, May 20, 1912, West Indies, P. Bartsch, 1921.

Tropidophis pardalis barbouri Bailey

Proc. New England Zool. Club, vol. 16, p. 49, 1937.

Paratypes (2): 120804–5 (formerly MCZ 37905, 37924), Bannerman Town, South Eleuthera Island, Bahama Islands, T. Barbour, February 1934.

Tropidophis pardalis stejnegeri Grant

in Lynn and Grant, Bull. Inst. Jamaica, Sci. Ser., No. 1, p. 119, 1940.

Paratypes (3): 42878–80, Montego Bay, Jamaica, E. A. Andrews, July–August 1910. These specimens are also listed as paratypes of *Tropidophis maculatus jamaicensis* Stull, Occ. Pap. Mus. Zool. Univ. Michigan, No. 195, p. 12, 1928.

Tropidophis wrighti Stull

Occ. Pap. Mus. Zool. Univ. Michigan, No. 195, p. 38, pl. 2, fig. 7, 1928.

Holotype: 12420, ♂, eastern Cuba.

Typhlops basimaculatus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18 (1866), p. 320, 1867.

Holotype: 6602, Córdoba and Orizaba, Veracruz, Mexico, F. Sumichrast.

Typhlops mandensis Stejneger

Proc. U.S. Nat. Mus., vol. 16, p. 725, 1894.

Holotype: 20125, Wange, Island of Manda, north of Lamu, East Africa (Kenya), G. Denhardt.

Typhlops manni Loveridge

Proc. U.S. Nat. Mus., vol. 91, p. 118, 1941.

Holotype: 109634, Harbel, Liberia, W. M. Mann, Mar. 10–July 17, 1940.

Typhlops microstomus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 18, p. 125, 1866.

Holotype: 61064, Yucatán, Mexico, A. Schott.

Probable paratype: 6569, Mérida, Yucatán, Mexico, A. Schott, Apr. 20, 1866.

Typhlops praeocularis Stejneger

Proc. U.S. Nat. Mus., vol. 16, p. 709, 1894.

Holotype: 20799, Stanley Pool, Leopoldville, Congo Free State (Belgian Congo), J. H. Camp.

Typhlops rostellatus Stejneger

Report of the U.S. National Museum . . . for the year ending June 30, 1902, p. 686, figs. 145–147, 1904.

Holotype: 25463, Lares, Puerto Rico, A. B. Baker, Jan. 26, 1899.

Paratypes (3): 25461–2, Lares, Puerto Rico, A. B. Baker, Jan. 26–30, 1899. 27460, Puerto Rico, C. E. Adams, 1900.

Typhlops stejnegeri Loveridge

Copeia, No. 3, p. 92, figs. 1–2, 1931.

HOLOTYPE: 23979, Luebo District, Belgian Congo, D. W. Snyder, 1897.

PARATYPE: 23980, same data.

Typhlops sulcatus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 20, p. 128, 1868.

HOLOTYPE: 12371, Navassa Island (West Indies), W. J. Rasin.

Ungalia bucculenta Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 20, p. 129, 1868.

=*Tropidophis pardalis bucculentus* (Cope)

COTYPES (3): 12377 (3), Navassa Island (West Indies), W. J. Rasin.

Ungalia cana Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 20, p. 129, 1868.

=*Tropidophis pardalis canus* (Cope)

COTYPES (6): 7111 (5), south side of Inagua Island, Bahama Islands, T. Blain. 26763, Inagua Island, Bahama Islands.

Ungaliophis panamensis Schmidt

Smithsonian Misc. Coll., vol. 89, No. 1, p. 12, 1933.

HOLOTYPE: 54059, Cerro Bruja, Panama, 2,000 ft., E. A. Goldman, June 6, 1911.

Ungualia haetiana Cope

Proc. Amer. Philos. Soc., vol. 18, p. 273, 1879.

=*Tropidophis maculatus haetianus* (Cope)

COTYPES (2): 10164, Port-au-Prince, Haiti, J. J. Brown. 10169, Île de la Gonâve, Haiti, J. J. Brown.

Uromacer scandax Dunn

Proc. New England Zool. Club, vol. 7, p. 43, 1920.

HOLOTYPE: 59438, Tortuga Island, Haiti, W. L. Abbott, Jan. 31, 1917.

Uromacer wetmorei Cochran

Proc. Biol. Soc. Washington, vol. 44, p. 91, 1931.

HOLOTYPE: 83891, Beata Island, Dominican Republic, A. Wetmore and F. C. Lincoln, May 13, 1931.

Urotheca williamsi Roze

Breviora, Mus. Comp. Zool., No. 88, p. 1, 1958.

PARATYPE: 121206, ♂, Colonia Tovar, 6,000 ft., Estado Aragua, Venezuela, E. G. Holt, Mar. 30, 1929.

Virginia valeriae Baird and Girard

Smithsonian Misc. Coll., vol. 2, art. 5, p. 127, 1853.

=*Haldea valeriae valeriae* (Baird and Girard)

Holotype: 1962, Kent County, Maryland, V. Blaney, 1847.

Paratype: 1876, Anderson, Anderson County, South Carolina, C. Paine.

Wenona isabella Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 176, 1852.

=*Charina bottae bottae* (Blainville)

Holotype: 7299, Puget Sound (Washington), U.S. Exploring Expedition, 1841.

Wenona plumbea Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 176, 1852.

=*Charina bottae bottae* (Blainville)

Holotype: 4492, Puget Sound (Washington), U.S. Exploring Expedition, 1841.

Xenodon ancorus Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 8, p. 182, 1857.

=*Holarchus ancorus* (Girard)

Holotype: 5521, Manila, Luzon, Philippine Islands, U.S. Exploring Expedition, 1842.

Xenodon mexicanus Smith

Proc. Biol. Soc. Washington, vol. 53, p. 57, 1940.

Holotype: 108596, Piedras Negras, Petén, Guatemala, H. M. Smith, June 12, 1939.

Xiphosoma annulatum Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8 (1875), p. 129, pl. 28, fig. 6, 1876.

=*Boa annulata* (Cope)

Holotype: 32480, Costa Rica, W. M. Gabb.

Xiphosoma madagascariense Duméril and Bibron

Erpétologie générale ou histoire naturelle complète des reptiles, vol. 6, p. 549, 1844.

=*Sanzinia madagascariense* (Duméril and Bibron)

Cotype: 10982, Madagascar, JPP.

Zamenis conirostris Cope

Amer. Nat., vol. 29, p. 679, 1895.

=*Coluber constrictor stejnegerianus* (Cope)

Holotype: 1768, Matamoros, Tamaulipas, Mexico, D. N. Couch.

Zamenis lateralis fuliginosus Cope

Amer. Nat., vol. 29, p. 679, 1895.

=*Masticophis flagellum piceus* (Cope)

Cotypes (2): 15135–6, Santa Margarita Island, Baja California, Mexico, U.S. Fish Commission *Albatross*, May 2, 1888.

Zamenis stejnegerianus Cope

Amer. Nat., vol. 29, p. 678, fig. 172, 1895.

=*Coluber constrictor stejnegerianus* (Cope)

Holotype: 17065, Cameron County, Texas, C. K. Worthen.

Zaocys oshimai Stejneger

Proc. U.S. Nat. Mus., vol. 66, No. 2562, p. 88, 1925.

Holotype: 52267, Urai, Formosa, F. Baker, Nov. 18, 1914.

Order Testudines

Amyda spinifera hartwegi Conant and Goin

Occ. Pap. Mus. Zool. Univ. Mich., No. 510, p. 1, pl. 1, 1948.

=*Trionyx spinifer hartwegi* (Conant and Goin)

Paratypes (6): 55683, Greenwood County, Kansas, J. Hurter, July–August 1912. 91022, 5 miles north of Winfield, Cowley County, Kansas, L. Hoyle, May 28, 1933. 95301, 11 miles southeast of Winfield, Cowley County, Kansas, C. E. Burt, Aug. 31, 1934. 100529–30, Winfield, Cowley County, Kansas, C. E. Burt, Aug. 12, 1935. 123446, Topeka, Shawnee County, Kansas River, Kansas, C. E. Burt, June 26, 1945.

Aspidonectes asper Agassiz

Contributions to the natural history of the United States of America, vol. 1, p. 405, 1857.

=*Trionyx spinifer asper* (Agassiz)

Cotypes (2): 01086, skull, carapace, and parts of plastron, Washington, Adams County, Mississippi, B. L. C. Wailes. 012349, carapace, Lake Concordia (Concordia Parish), Louisiana, B. L. C. Wailes, 1851.

Aspidonectes emoryi Agassiz

Contributions to the natural history of the United States of America, vol. 1, p. 407, vol. 2, pl. 6, figs. 4–5, 1857.

=*Trionyxspinifer emoryi* (Agassiz)

Cotype: 7855, Brownsville, Cameron County, Texas, C. B. R. Kennerly.

Caretta remivaga Hay

Proc. U.S. Nat. Mus., vol. 34, p. 194, pl. 10, pl. 11, fig. 5, 1908.

=*Lepidochelys olivacea* (Eschscholtz)

Holotype: 09973, skull, Ventosa Bay, Oaxaca, Mexico, F. Sumichrast.

Caretta rostrata Girard

in U.S. Exploring expedition . . . 1838–42, vol 20 (Herpetology), p. 446, Atlas, pl. 30, figs. 8–13, 1858.

=*Eretmochelys imbricata squamata* Agassiz

PROBABLE COTYPES (2): 012387–8, carapaces, Fiji Islands, U.S. Exploring Expedition, 1840.

Chelonia formosa Girard

in U.S. Exploring Expedition . . . 1838–42, vol. 20 (Herpetology), p. 456, Atlas, pl. 31, figs. 1–4, 1858.

=*Chelonia mydas japonica* Thunberg

HOLOTYPE: 012386, carapace, Fiji Islands, U.S. Exploring Expedition, 1840.

Chelonia tenuis Girard

in U.S. Exploring Expedition . . . 1838–42, vol. 20 (Herpetology), p. 459, Atlas, pl. 31, fig. 8, 1858.

=*Eretmochelys imbricata bissa* Rüppell

COTYPE: 012390, Rosa Island (Tuamotu Islands, South Pacific), U.S. Exploring Expedition, 1840.

Chelopus funereus Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8, p. 154, 1875.

=*Geoemyda funerea* (Cope)

COTYPES (4): 45900–1, 46134–5, Port Limón, Costa Rica, W. M. Gabb.

Chelopus gabbii Cope

Journ. Acad. Nat. Sci. Philadelphia, ser. 2, vol. 8, p. 153, 1875.

=*Geoemyda gabbii* (Cope)

HOLOTYPE: 45905, Costa Rica, W. M. Gabb.

Chelopus rubidus Cope

Proc. Amer. Philos. Soc., vol. 11, p. 148, 1869.

=*Geoemyda rubida rubida* (Cope)

COTYPES (3): 45612–4, Juchitán, Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Chelydra osceola Stejneger

Proc. Biol. Soc. Washington, vol. 31, p. 89, 1918.

=*Chelydra serpentina osceola* Stejneger

HOLOTYPE: 10369, ♂, Clearwater, Pinellas County, Florida, S. T. Walker, September 1879.

PARATYPES (7): 28761, shell and bones, Kissimmee River, Florida, E. A. Mearns, May 3, 1901. 29208, Alligator Bluff, Kissimmee River, Osceola County, Florida, E. A. Mearns, Apr. 24, 1901. 30013, ♀, skin, Alligator

Bluff, Kissimmee River, Osceola County, Florida, E. A. Mearns. 55317, shell, Vero Beach, Brevard County, Florida, I. M. Weills, Mar. 14, 1915. 60545–6, bones, ♂, ♀, Auburndale, Polk County, Florida, N. R. Wood, 1918. 60557, Auburndale, Polk County, Florida, N. R. Wood, Mar. 18, 1918.

Chrysemys dorsalis Agassiz

Contributions to the natural history of the United States of America, vol. 1, p. 440, 1857.

=*Chrysemys picta dorsalis* Agassiz

Cotype: 21, Washington County, Mississippi, B. L. C. Wailes.

Chrysemys treleasei Hurter

Trans. Acad. Sci. St. Louis, vol. 20, p. 235, 1911.

=*Chrysemys picta bellii* Gray

Cotypes (3): 49427–8, St. Clair County, Illinois, J. Hurter, July 3, 1908, June 16, 1895. 49429, Madison County, Illinois, J. Hurter, July 9, 1905.

Cinosternum berendtianum Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 17, p. 189, 1865.

=*Kinosternon acutum* Gray

Cotypes (3): 6517, ♀, 106293–4, ♂, all shells, Tabasco, Mexico, C. H. Berendt, 1864.

Cinosternum brevigulare Cope

Proc. Amer. Philos. Soc., vol. 22, p. 389, 1885. (Not of Günther, May 1885.)

=*Kinosternon leucostomum* Duméril and Bibron

Cotypes (3): 19797, Old Harbor, Costa Rica, W. M. Gabb. 45582, ♀, 51165, ♂, Sipurio, Costa Rica, W. M. Gabb.

Cinosternum postinguinale Cope

U.S. Nat. Mus. Bull., No. 32, p. 23, 1887. (New name for *Cinosternum brevigulare* Cope, preoccupied.)

=*Kinosternon leucostomum* Duméril

Cotypes (3): 19797, Old Harbor, Costa Rica, W. M. Gabb. 45582, ♀, 51165, ♂, Sipurio, Costa Rica, W. M. Gabb.

Cistudo ornata Agassiz

Contributions to the natural history of the United States of America, vol. 1, p. 445, 1857.

=*Terrapene ornata ornata* (Agassiz)

Cotypes (4): 57, ♀, Yellowstone River, Montana, F. V. Hayden. 7541, ♂, southern boundary of Kansas, W. S. Wood and J. H. Clark. 7542, ♂, Illinois, R. W. Kennicott. 7547, ♀, Republican River, Kansas, W. S. Wood.

Cistudo triunguis Agassiz

Contributions to the natural history of the United States of America, vol. 1, p. 445, 1857.

=*Terrapene carolina triunguis* (Agassiz)

Cotypes (2): 86871–2 (formerly MCZ 1519), New Orleans, Orleans Parish, Louisiana, N. B. Benedict.

Claudius angustatus Cope

Proc. Acad. Nat. Sci., Philadelphia, vol. 17, p. 187, pl. 9, 1865.

Cotypes (2): 6518, 6525, Tabasco, Mexico, C. H. Berendt, 1863.

Claudius severus Cope

Proc. Acad. Nat. Sci. Philadelphia, vol. 24, p. 24, 1872.

=*Staurotypus salvinii* Gray

Holotype: 64005, shell, Santa Efigenia, west side of Isthmus of Tehuantepec, Oaxaca, Mexico, F. Sumichrast.

Clemmys nuchalis Dunn

Bull. Amer. Mus. Nat. Hist., vol. 37, p. 624, text fig. 6, pl. 61, 1917.

=*Clemmys muhlenbergii* Schoepff

Paratype: 62016, ♀, Brevard, Transylvania County, North Carolina, E. R. Dunn, July 12, 1916.

Deirochelys reticularia miaria Schwartz

Chicago Nat. Hist. Mus., Fieldiana: Zool., vol. 34, p. 486, figs. 107–8, 1956.

Allotype: 85145, ♀, White Rock Creek, near Dallas, Dallas County, Texas, C. E. Burt, Apr. 16, 1932.

Emys marmorata Baird and Girard

Proc. Acad. Nat. Sci. Philadelphia, vol. 6, p. 177, 1852.

=*Clemmys marmorata marmorata* (Baird and Girard)

Cotypes (5): 88, 7594–6, 131830 (formerly 7593), Puget Sound (Washington), U.S. Exploring Expedition, 1841.

Goniochelys minor Agassiz

Contributions to the natural history of the United States of America, vol. 1, p. 424, 1857.

=*Sternotherus minor minor* (Agassiz)

Cotype: 7111 (formerly MCZ 1572), New Orleans, Orleans Parish, Louisiana, N. B. Benedict.

Gopherus flavomarginatus Legler

Univ. Kansas Publ., Mus. Nat. Hist., vol. 11, p. 337, fig. 1, pls. 7–8, 1959.

Holotype: 61253, 30 to 40 miles from Lerdo, Durango, Mexico, A. Busck.

Paratypes (2): 60976, Durango, Mexico, E. Chaffee, May 1918. 61254, 30 to 40 miles from Lerdo, Durango, Mexico, A. Busck.

Graptemys pseudogeographica ouachitensis Cagle

Occ. Pap. Mus. Zool. Univ. Michigan, No. 546, p. 10, figs., 1953.

Paratype: 139733 (formerly UIMNH 26717), 4 miles east of Harrisonburg, Catahoula Parish, Louisiana, Tulane Univ. collecting party, June 10–11, 1950.

Graptemys pseudogeographica sabinensis Cagle

Occ. Pap. Mus. Zool. Univ. Mich., No. 546, p. 2, figs. 1, 3a, 3e, 3g, 1953.

Paratype: 134312 (formerly UIMNH 26722), 8 miles southwest of Negreet, Sabine Parish, Louisiana, Tulane Univ. collecting party, July 5–9, 1950.

Graptemys pseudogeographica versa Stejneger

Journ. Washington Acad. Sci., vol. 15, p. 463, 1925.

=*Graptemys versa* Stejneger

Holotype: 27473, Austin, Travis County, Texas, C. S. and H. H. Brimley, July 1900.

Paratypes (7): 27474–80, same data.

Graptemys pulchra Baur

Amer. Nat., vol. 27, p. 675, 1893.

Cotypes (2): 8808, ♀, 029526, ♀, lake near Montgomery, Montgomery County, Alabama, T. H. Bean and L. Kumlien, July 1876.

Kinosternon abaxillare Baur

in Stejneger, Journ. Washington Acad. Sci., vol. 15, p. 462, 1925.

Holotype: 7518, ♂, shell, Tuxtla Gutiérrez, Chiapas, Mexico, C. H. Berendt.

Paratypes (11): 7519–29, shells, same data.

Kinosternon bauri palmarum Stejneger

Journ. Washington Acad. Sci., vol. 15, p. 463, 1925.

Holotype: 61065, ♀, Paradise Key, Royal Palm State Park, Dade County, Florida, C. A. Mosier.

Paratypes (2): 60597, shell, Royal Palm Hammock, Royal Palm State Park, Dade County, Florida, Apr. 6, 1918. 69559, Royal Palm State Park, Dade County, Florida, C. A. Mosier, Oct. 30, 1918.

Kinosternon cruentatum consors Stejneger

Proc. U.S. Nat. Mus., vol. 90, p. 458, 1941.

HOLOTYPE: 13912, ♂, Cozumel Island, Yucatán, Mexico, U.S. Fish Commission *Albatross*, Jan. 23–29, 1885.

PARATYPES (4): 6556, ♂, Progreso, Yucatán, Mexico, A. Schott. 13910–1, 13913, ♀, ♂, ♀, Cozumel Island, Yucatán, Mexico, U.S. Fish Commission *Albatross*, Jan. 23–29, 1885.

Kinosternon flavescens spooneri Smith

Bull. Chicago Acad. Sci., vol. 9, No. 10, p. 195, pl. 2, 1951.

PARATYPE: 83190, ♂, Meredosia, Morgan County, Illinois, D. H. Thompson, June 1927.

Kinosternon herrerai Stejneger

Journ. Washington Acad. Sci., vol. 15, p. 462, 1925.

HOLOTYPE: 61249, ♂, Xochimilco, Valley of Mexico, Mexico (restricted to La Laja, Veracruz), A. L. Herrera.

PARATYPES (3): 61250—2, ♀, ♀, ♀, same data.

Kinosternon louisianae Baur

Amer. Nat., vol. 27, p. 676, 1893.

=*Kinosternon subrubrum hippocrepis* Gray

HOLOTYPE: 15527, New Orleans, Orleans Parish, Louisiana, R. W. Shufeldt, 1883.

Kinosternon murrayi Glass and Hartweg

Copeia, No. 1, p. 50, fig. 1, 1951.

PARATYPE: 15860, Marfa, Presidio County, Texas, V. O. Bailey, Jan. 24, 1890.

Kinosternon panamensis Schmidt

Smithsonian Misc. Coll., vol. 106, No. 8, p. 5, 1946.

HOLOTYPE: 117369 (formerly MCZ 7996), Panama Railroad, Panama Canal Zone, T. Barbour, June 10, 1922.

PARATYPES (2): 7864, Panama. 117370 (formerly MCZ 7996), ♀, Panama Railroad, Panama Canal Zone, T. Barbour.

Malaclemmys littoralis Hay

Bull. [U.S.] Bureau of Fisheries, vol. 24, p. 18, pls. 8–9, pl. 12, figs. 2–3, 1904.

=*Malaclemys terrapin littoralis* Hay

HOLOTYPE: 33913, Rockport, Aransas County, Texas, W. P. Hay.

Malaclemmys macrospilota Hay

Bull. [U.S.] Bureau of Fisheries, vol. 24, p. 16, pls. 6–7, pl. 11, fig. 1, 1904.

=*Malaclemys terrapin macrospilota* Hay

HOLOTYPE: 33917, ♀, Charlotte Harbor, Charlotte County, Florida, W. P. Hay, December 1902.

Malaclemmys terrapin tequesta Schwartz

Proc. Biol. Soc. Washington, vol. 68, p. 158, 1955.

PARATYPE: 37020, New Smyrna, Volusia County, Florida, B. W. Evermann, Dec. 3, 1905.

Malacoclemmys oculifera Baur

Science, ser. 1, vol. 16, p. 262, 1890.

=*Graptemys oculifera* (Baur)

HOLOTYPE: 15511, Mandeville, Saint Tammany Parish, Louisiana, G. Kohn.

PARATYPES (3): 15508–15510, same data. 15510 is a dry shell.

Ozotheca tristycha Agassiz

Contributions to the natural history of the United States of America, vol. 1, p. 425, vol. 2, pl. 5, figs. 20–22, 1857.

=*Sternotherus odoratus* Latreille

COTYPES (4): 69, 71–2, San Pedro near San Antonio (Bexar County), Texas, C. B. R. Kennerly. 7890, Medina River, Texas, C. B. R. Kennerly.

Platypeltis agassizii Baur

Amer. Nat., vol. 22, p. 1121, 1888.

=*Trionyx spinifer asper* Agassiz

PARATYPE: 92584, (formerly MCZ 1601), ♀, skull, Savannah, Chatham County, Georgia.

Platythyra flavescens Agassiz

Contributions to the natural history of the United States of America, vol. 1, p. 430, vol. 2, pl. 5, figs. 12–15, 1857.

=*Kinosternon flavescens flavescens* (Agassiz)

COTYPES (3): 50, 131823 (formerly 7867), ♂, Rio Blanco, Texas, C. B. R. Kennerly. 7892, Gila River, Camp Yuma (Yuma County), Arizona, R. O. Abbott.

Pseudemys alabamensis Baur

Proc. Amer. Philos. Soc., vol. 31, p. 224, 1893.

COTYPES (2): 20966–7, ♂, ♀, skins and skulls, Mobile Bay, Alabama, G. Kohn, May 7–11, 1885.

Pseudemys decorata Barbour and Carr

Mem. Mus. Comp. Zool. vol. 54, No. 5, p. 409, pl. 9, figs. 3–4, 1940.

Paratypes (5): 59093–6, Thomazeau, Haiti, J. B. Henderson and P. Bartsch, Apr. 2, 1917. 81091, 10 miles north of Port-au-Prince, W. M. Perrygo, 1930.

Pseudemys elonae Brimley

Journ. Elisha Mitchell Sci. Soc., vol. 44. No. 1, p. 67, pl. 1, pl. 2, fig. 1, 1928.

=*Pseudemys floridana concinna* LeConte

Holotype: 79631, ♂, skin, Guilford County, not far from Elon College, North Carolina, D. W. Rumbold and J. F. Hall, November 1927.

Pseudemys felis Barbour

Occ. Pap. Boston Soc. Nat. Hist., vol. 8, p. 205, 1935.

Paratype: 102447 (formerly MCZ 38388), Cat Island, Bahama Islands, W. G. Albury and C. S. Dolley, 1935.

Pseudemys floridana peninsularis Carr

Copeia, No. 3, p. 105, 1938.

Paratypes (2): 104389, ♀, Crystal Springs, Pasco County, Florida, L. Marchand, Feb. 20, 1938. 104390, ♂, near Umatilla, Lake County, Florida, A. F. Carr, Jr., Mar. 16, 1934.

Pseudemys scripta gaigeae Hartweg

Occ. Pap. Mus. Zool. Univ. Mich., No. 397, p. 1, 1939.

Paratypes (2): 60921, shell, Lerdo, Durango, Mexico, A. Busck, May 1918. 103706, skin and skull, Río Nazos, Durango, Mexico, D. N. Couch.

Pseudemys stejnegeri Schmidt

in New York Acad. Sci., Scientific Survey of Porto Rico and the Virgin Islands, vol. 10, pt. 1, p. 147, fig. 51, 1928.

Holotype: 25642, ♀, skull, shell, and feet, San Juan, Puerto Rico, U.S. Fish Commission *Fish Hawk*, Jan. 14, 1899.

Paratypes (3): 25643–4, San Juan, Puerto Rico, U.S. Fish Commission *Fish Hawk*, Jan. 14, 1899. 25653, ♂, skin and skull, Caguas, Puerto Rico, U.S. Fish Commission *Fish Hawk*, Jan. 9, 1899.

Pseudemys texana Baur

Proc. Amer. Philos. Soc., vol. 31, p. 223, 1893.

=*Pseudemys floridana texana* Baur

Paratypes (2): 76, near Cadereita, Nuevo León, Mexico, D. N. Couch. 80, Pecos River, Guadalupe Mountains, Texas, T. J. Pope. A third specimen is a probable paratype: 7173, ♀, Old Fort Cobb (Caddo County), Oklahoma, E. Palmer, June 1, 1868.

Pseudemys vioscana Brimley

Journ. Elisha Mitchell Sci. Soc., vol. 44, No. 1, p. 66, pl. 2, fig. 2, 1928.

=*Pseudemys floridana mobilensis* Holbrook

HOLOTYPE: 79632, ♂, skin, Lake des Allemands, Louisiana, P. Viosca, Jr., April 1927.

PARATYPES (2): 79633, 79634, skins, same data.

Ptychemys hoyi Agassiz

Contributions to the natural history of the United States of America, vol. 1, p. 433, 1857.

=*Pseudemys floridana hoyi* (Agassiz)

NEOTYPE: 55516, ♀, skin, Newton County, Missouri, J. H. Black, 1899.

Terrapene bauri Taylor

Proc. U.S. Nat. Mus., vol. 17, p. 576, fig. 3, 1895.

=*Terrapene carolina bauri* Taylor

HOLOTYPE: 8352, Florida, F. B. Meek, 1875.

Terrapene goldmani Stejneger

Proc. Biol. Soc. Washington, vol. 46, p. 119, 1933.

=*Terrapene mexicana mexicana* Gray

HOLOTYPE: 46251, ♀, Chijol, San Luis Potosí, Mexico, E. W. Nelson and E. A. Goldman, May 11, 1898.

Terrapene nelsoni Stejneger

Journ. Washington Acad. Sci., vol. 15, p. 463, 1925.

HOLOTYPE: 46252, ♂, Pedro Pablo, Nayarit, Mexico, 2,500 ft., E. W. Nelson and E. A. Goldman, Aug. 4, 1897.

Testudo kleinmanni Lortet

Arch. Mus. Lyons, vol. 3, p. 188, 1883.

COTYPE: 10979, Egypt, JPP.

Testudo mauritanica Duméril and Bibron

Erpétologie générale, ou histoire naturelle complète des reptiles, vol. 2, p. 44, 1835.

COTYPE: 10980, Algeria, JPP.

Thalassochelys corticata Girard

in U.S. Exploring Expedition . . . 1838–42, vol. 20 (Herpetology), p. 451, pl. 29, 1858.

=*Caretta caretta caretta* Linnaeus

HOLOTYPE: 7778, skin, juv., Funchal, Madeira (Portugal), U.S. Exploring Expedition, 1838.

Xerobates agassizii Cooper

Proc. California Acad. Sci., vol. 2, p. 120, 1863.

=*Gopherus agassizii* (Cooper)

Cotype: 7888, juv., Utah Basin, Mojave River (catalog carries "Solado Valley, California"), J. G. Cooper, March 1861.

Xerobates berlandieri Agassiz

Contributions to the natural history of the United States of America, vol. 1, p. 447, vol. 2, pl. 3, figs. 17–19, 1857.

=*Gopherus berlandieri* (Agassiz)

Cotypes (2): 60 (2), Lower Rio Grande (restricted to Brownsville, Texas), Texas, J. L. Berlandier.

Order Loricata

Caiman sclerops apaporiensis Medem

Chicago Nat. Hist. Mus., Fieldiana: Zool., vol. 37, p. 340, figs. 75–76, 1955.

Paratype: 134499, (formerly CNHM 69822), ♀, skull, Laguna del Capitan Mario, Río Apapoporis, Intendencia Amazonas, Colombia, F. Medem, January 1952.

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